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SEVENTH SESSION

OF THE

TWENTIETH LEGISLATURE

OF THE

PROVINCE OF ONTARIO

419627
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SESSION 1942

TORONTO
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1943

FOR PART IV

REPORT OF HOSPITALS AND SANITORIA
REFORMATORIES AND PRISONS
LIQUOR CONTROL BOARD
MINISTER OF AGRICULTURE
STATISTICS BRANCH (AGRICULTURE)
TEMISKAMING AND NORTHERN ONTARIO RAILWAY
ONTARIO MUNICIPAL BOARD
BY-ELECTION RETURNS
HYDRO-ELECTRIC POWER COMMISSION
PROVINCIAL AUDITOR
WORKMEN'S COMPENSATION BOARD
ONTARIO VETERINARY COLLEGE
DEPARTMENT OF HIGHWAYS
PROVINCIAL POLICE
NIAGARA PARKS COMMISSION
ONTARIO RESEARCH FOUNDATION
ONTARIO TRAINING SCHOOLS

DEPARTMENT OF HEALTH

SEVENTY-SECOND ANNUAL REPORT

UPON THE

Public Hospitals, Private Hospitals Hospitals for Incurables Convalescent Hospitals AND Sanatoria for Consumptives

OF THE

PROVINCE OF ONTARIO

FOR THE YEAR WHICH ENDED 31st DECEMBER

1941

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 16, 1942

ONTARIO

419627
14.2.44

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1942

Parliament Buildings,
Toronto, Aug. 12th, 1942.

TO THE HONOURABLE ALBERT MATTHEWS,
Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to transmit to Your Honour the Seventy-second Annual Report on the Hospitals and Sanatoria of the Province of Ontario, for the year which ended December 31st, 1941.

Respectfully submitted,

HAROLD J. KIRBY,
Minister of Health.

Parliament Buildings,
Toronto, Aug. 12th, 1942.

The Honourable Harold J. Kirby, K.C.,
Minister of Health.

Sir:

I have the honour to submit to you the Seventy-second Annual Report on the Hospitals and Sanatoria of the Province of Ontario, for the year which ended December 31st, 1941.

I have the honour to be, Sir,

Your obedient servant,

C. J. Telfer,
Inspector of Hospitals.

Hospitals

Herein is presented a detailed report on General, Red Cross and Convalescent Hospitals, Hospitals for Incurables and Sanatoria for Consumptives, operating in the Province of Ontario, as compiled from the Financial and Statistical Statements submitted for the year which ended December 31st, 1941.

There were 175 institutions in operation and participating in Provincial grants during the year. These are classified as follows:

117 General Hospitals
29 Red Cross Hospitals
8 Hospitals for Incurables
3 Convalescent Hospitals
3 Convalescent Summer Camps for Children
13 Sanatoria for Consumptives

The number of patients, together with the number of days' treatment, is indicated in the summary on the opposite page. In Public General Hospitals, exclusive of Red Cross Outposts, there was an increase in the number of patients treated of 28,993 over the previous year, and an increase of 160,731 days' treatment. The average number of patients in hospital daily was 10,945, or 469 more than the previous year.

Operating costs increased by $1,393,032.79 over the previous year. The following revenue increases and decreases are noted:

From patients, increased	$1,470,299.43
From investments, increased	$ 45,865.23
From donations, increased	$ 61,605.80
From municipalities, decreased	$ 126,625.20
From Provincial Government, decreased	$ 133,124.44

The net increase in revenue for the year amounted to $1,318,020.82.

La Verendrye Hospital at Fort Frances was approved by order-in-council on June 3rd, 1941. This hospital is operated by the Sisters of Charity.

Executives and officers of the several institutions reported herein are requested to study the various tables comparing their hospitals with those of similar size and capacity.

On page 28 of this report will be found information concerning the 62 private hospitals licensed during the year under report.

C. J. TELFER,
Inspector of Hospitals.

CONSOLIDATED STATEMENT GIVING CERTAIN STATISTICAL AND FINANCIAL INFORMATION

For the Year Ended December 31st, 1941

	Public Hospitals	Red Cross Outposts	Hospitals for Incurables	Convalescent Hospitals	TOTALS
Bed Capacity, Adults and Children	13,393	378	1,346	349	15,466
Nursery Bassinettes	1,972	108	......	......	2,080
Percentage of Bed Occupancy for Period	71.2	46.3	96.6	......	......
Number of live births during Period	44,282	1,360	......	......	45,642
Number of Deaths, including Still-births during Period	14,543	357	581	4	15,485
Total Number of Patients treated during Period	338,759	9,253	2,177	1,739	351,928
Total Collective Days' stay of all Patients	3,994,981	82,151	474,812	66,668	4,628,612
Number of Staff and Employees:					
Graduate Nurses	2,290	94	153	26	2,563
Pupil Nurses	3,482	1	27	......	3,510
Probationer Nurses	760	......	48	......	808
Other Graduate and Professional Staff	507	2	19	9	537
Orderlies	369	14	41	5	429
All other Employees	5,501	91	413	88	6,093
TOTAL STAFF AND EMPLOYEES	12,909	202	701	128	13,940
Operating Revenue	$ c.	$ c.	$ c.	$ c.	$ c.
Income from Patients for Maintenance and Treatment	10,694,680.70	213,368.64	185,236.44	41,110.89	11,134,396.67
Income from Municipalities for Maintenance and Treatment of Patients	2,504,279.30	13,966.11	526,470.20	54,244.30	3,098,959.91
Grants from Government for Maintenance and Treatment of Patients	889,801.50	22,575.65	186,655.90	21,149.45	1,120,182.50
Grants from Government for Special Clinics and Radio-Therapy, etc.	76,192.00	....	....	....	76,192.00
TOTAL OPERATING REVENUE	14,164,953.50	249,910.40	898,362.54	116,504.64	15,429,731.08
Non-operating Revenue					
Income from Property, Investments, Endowments, etc., and Miscellaneous	445,007.59	2,916.77	15,552.60	12,174.60	475,651.56
Income from Donations, Bequests and other Gratuitous Sources	753,513.15	21,678.74	30,605.57	24,707.58	830,505.04
Grants from Municipalities for Building, Debentures, Capital, etc.	233,346.10	....	....	....	233,346.10
TOTAL NON-OPERATING REVENUE	1,431,866.84	24,595.51	46,158.17	36,882.18	1,539,502.70
Total Revenue	15,596,820.34	274,505.91	944,520.71	153,386.82	16,969,233.78
Operating Expense	$ c	$ c	$ c.	$ c.	$ c.
Total Cost of Dietaries	2,855,520.85	57,986.16	191,770.53	35,976.32	3,141,253.86
Total Cost of Salaries and Wages	6,434,652.85	165,977.04	390,526.87	69,473.39	7,060,630.15
Other Operating Expense	4,565,669.94	102,780.19	210,039.81	41,001.83	4,919,491.77
TOTAL OPERATING EXPENSE	13,855,843.64	326,743.39	792,337.21	146,451.54	15,121,375.78
Interest and Sinking Fund Charges	552,574.38	....	15,430.54	43.75	568,048.67
Total Cost	14,408,418.02	326,743.39	807,767.75	146,495.29	15,689,424.45
Average per Capita Cost*	3.47	3.50	1.67	2.20	....

*NOTE:—No provision is made in these figures for depreciation on buildings, plant and equipment, or for bad and doubtful accounts.

PUBLIC HOSPITALS

TABLE No. I.—Showing the bed capacity, both adult and nursery, together with the movement of patients in each hospital separately.

Name of Hospital	Location	Bed Capacity		Patients in residence, Jan. 1st, 1941	Patients admitted during year	Live births during year	Total patients treated during year	Patients discharged during year	Deaths during year	Still-births during year	Patients in residence, Dec. 31st, 1941
		Adults and children	Nursery								
GROUP 1 Capacity, 1 to 25 Beds											
Bowmanville Hospital	Bowmanville	18	5	11	566	148	725	671	36	9	18
Municipal x	Cobalt	18	5	5	38	13	56	55	1	....	....
HaldimandWarMemorial	Dunnville	15	9	12	434	111	557	509	30	4	18
Red Cross Memorial	Durham	19	5	9	139	47	195	171	16	....	8
Hanover Memorial	Hanover	17	5	12	279	88	379	344	26	1	9
Notre Dame	Hawkesbury	18	3	16	667	31	714	681	25	6	8
Rosedale War Memorial	Matheson	14	4	2	185	48	235	228	7	1	....
Louise Marshall	Mount Forest	16	5	4	156	54	214	196	13	3	5
Niagara Cottage	Niagara-on-Lake	11	4	7	202	50	259	244	11	1	4
Palmerton General	Palmerston	10	4	9	344	42	395	364	20	1	11
General	Penetanguishene	16	5	7	322	52	381	361	13	2	7
Sioux Lookout General	Sioux Lookout	16	4	11	515	48	574	535	15	1	24
Wingham General	Wingham	20	5	3	287	92	382	358	12	5	12
TOTALS		208	63	108	4,134	824	5,066	4,717	225	34	124
GROUP 2 Capacity, 26 to 50 Beds											
Stevenson Memorial	Alliston	32	4	24	482	121	627	582	32	2	13
Rosamond Memorial	Almonte	20	6	20	475	162	657	613	19	3	25
St. Joseph's	Blind River	28	5	12	367	53	432	405	15	3	12
Lady Minto	Chapleau	26	7	25	402	52	479	437	17	2	25
Clinton Public	Clinton	24	7	10	429	101	540	502	25	6	13
Groves Memorial	Fergus	28	5	12	416	82	510	475	20	10	15
Douglas Memorial	Fort Erie	35	15	20	870	194	1,084	1,013	52	5	19
La Verendrye §	Fort Frances	44	6	....	659	64	723	673	8	3	42
Alexandra Marine Gen.	Goderich	42	8	22	558	129	709	651	35	4	23
Misericordia	Haileybury	30	5	24	769	44	837	781	40	2	16
Alexandra	Ingersoll	32	10	24	753	180	957	876	41	4	40
Anson General	Iroquois Falls	32	6	21	716	100	837	794	25	4	18
Kincardine General	Kincardine	37	8	21	436	140	597	546	36	2	15
Memorial	Listowel	30	7	18	629	146	793	753	29	4	11
General	Mattawa	39	5	21	385	40	446	392	27	1	27
St. Andrew's	Midland	42	8	33	996	219	1,248	1,151	57	10	40
York County	Newmarket	32	8	33	989	198	1,220	1,141	52	9	27
Queen Victoria Memorial	North Bay	43	7	26	1,105	158	1,289	1,212	41	9	36
Lord Dufferin	Orangeville	26	3	16	703	114	833	795	26	4	12
Willett	Paris	35	8	23	471	110	604	539	39	4	26
Parry Sound General	Parry Sound	24	7	26	891	146	1,063	996	31	3	36
Charlotte E. Englehart	Petrolia	29	6	18	584	165	767	702	45	6	20
Scott Memorial	Seaforth	21	6	6	484	113	603	548	36	3	19
St. Francis General	Smiths Falls	35	5	26	380	44	450	395	32	3	23
Porcupine General	South Porcupine	30	12	18	959	239	1,216	1,167	23	10	26
Strathroy General	Strathroy	41	6	25	474	138	637	574	40	4	23
St. Jean de Brebeuf	Sturgeon Falls	33	7	36	554	66	656	581	45	3	30
Soldiers' Memorial	Tillsonburg	32	9	34	990	220	1,244	1,158	50	5	36
Lockwood Clinic	Toronto	40	....	17	981	....	998	964	18	....	16
Mothercraft Centre	Toronto	10	18	11	197	....	208	200	....	....	8
County of Bruce General	Walkerton	31	6	11	671	116	798	748	34	5	16
TOTALS		983	220	633	19,775	3,654	24,062	22,364	990	133	708
GROUP 3 Capacity, 51 to 100 Beds											
Royal Victoria	Barrie	65	14	52	1,674	371	2,097	1,970	68	17	59
Peel Memorial	Brampton	43	9	26	1,019	238	1,283	1,199	50	9	34
St. Vincent de Paul	Brockville	69	5	61	1,117	151	1,329	1,265	36	9	28
Cobourg General	Cobourg	42	16	33	639	159	831	760	56	2	25
Lady Minto	Cochrane	62	8	38	583	119	740	670	28	3	42
General and Marine	Collingwood	51	9	42	1,195	181	1,418	1,304	76	13	38
Cornwall General	Cornwall	71	16	53	1,593	168	1,814	1,680	67	5	67
Galt Hospital	Galt	75	16	39	1,832	340	2,211	2,047	97	12	67
St. Paul's	Hearst	67	6	37	1,313	122	1,472	1,377	33	3	62
Kenora General	Kenora	52	5	32	809	121	962	909	32	6	21
St. Joseph's	Kenora	52	12	40	693	129	862	807	30	7	25
The Ross Memorial	Lindsay	52	8	45	1,364	310	1,719	1,594	89	15	36
Orillia Soldiers' Memorial	Orillia	69	11	51	1,841	229	2,121	1,965	105	9	51
Protestant Children's	Ottawa	55	....	27	907	....	934	892	17	....	25
Salvation Army Grace	Ottawa	57	40	102	2,346	1,602	4,050	3,898	59	54	93
St. Joseph's General	Parry Sound	56	8	45	1,230	234	1,509	1,406	52	5	51
Pembroke Cottage	Pembroke	50	8	48	1,217	154	1,419	1,318	63	7	38
Great War Memorial	Perth	44	8	47	1,058	179	1,284	1,192	43	6	49
Nicholl's	Peterborough	86	12	85	2,033	402	2,520	2,327	101	15	92

xClosed Feb. 1st, 1941.
§Opened June 3rd, 1941.

PUBLIC HOSPITALS (Cont'd)

TABLE No. I.—Showing the bed capacity, both adult and nursery, together with the movement of patients in each hospital separately.

Name of Hospital	Location	Bed Capacity		Patients in residence, Jan. 1st, 1941	Patients admitted during year	Live births during year	Total patients treated during year	Patients discharged during year	Deaths during year	Still-births during year	Patients in residence, Dec. 31st, 1941
		Adults and children	Nursery								
Group 3 (Cont'd)											
Prince Edward County..	Picton.........	43	11	35	813	222	1,070	999	47	4	24
The Port Hope Hospital.	Port Hope......	45	6	18	712	149	879	800	46	8	33
Victoria..............	Renfrew........	72	8	45	889	165	1,099	1,015	55	2	29
Plummer Memorial.....	Sault Ste. Marie.	52	12	41	1,474	298	1,813	1,708	57	11	48
Norfolk General........	Simcoe.........	50	22	42	1,397	361	1,800	1,646	94	6	60
Smith's Falls Public....	Smith's Falls....	60	8	39	962	137	1,138	1,050	49	6	39
Salvation Army Grace..	Toronto........	54	37	53	1,713	1,123	2,889	2,806	21	29	62
Welland County General.	Welland........	72	18	64	2,332	494	2,890	2,691	125	17	74
Woodstock General.....	Woodstock.....	85	15	70	1,571	289	1,930	1,750	125	9	55
TOTALS........	....	1,651	348	1,310	36,326	8,447	46,083	43,045	1,721	289	1,317
GROUP 4 Capacity, 101 to 200 Beds											
Belleville General*......	Belleville.......	160	33	181	4,470	707	5,358	4,987	216	17	155
Brockville General......	Brockville......	103	11	59	1,889	180	2,128	1,967	94	13	67
Public General.........	Chatham.......	107	6	86	2,613	414	3,113	2,920	109	6	84
St. Joseph's...........	Chatham.......	122	17	71	2,319	496	2,886	2,677	124	21	85
Hotel Dieu............	Cornwall.......	124	14	100	3,015	379	3,494	3,305	117	13	72
McKellar General......	Fort William....	189	9	199	4,414	243	4,856	4,513	175	8	168
Guelph General........	Guelph.........	92	18	63	2,022	283	2,368	2,175	123	6	70
St. Joseph's...........	Guelph.........	86	17	73	1,708	289	2,070	1,898	101	16	71
St. Joseph's...........	Hamilton.......	157	28	151	4,394	904	5,449	5,119	190	32	140
Hotel Dieu............	Kingston.......	184	16	116	3,377	492	3,985	3,724	136	23	125
Kitchener-Waterloo.....	Kitchener......	113	27	89	2,685	495	3,269	3,045	120	10	104
St. Mary's............	Kitchener......	106	18	82	2,437	479	2,998	2,821	98	17	79
Niagara Falls General...	Niagara Falls...	120	18	91	2,939	589	3,619	3,402	128	23	89
St. Joseph's General....	North Bay......	113	12	46	1,907	175	2,128	1,957	76	6	95
Oshawa General........	Oshawa........	79	26	83	3,204	554	3,841	3,651	101	27	89
General and Marine....	Owen Sound....	85	16	48	1,755	326	2,129	1,974	99	26	56
General..............	Pembroke......	115	10	76	1,714	227	2,017	1,893	70	19	54
St. Joseph's...........	Peterborough...	101	9	60	2,242	421	2,723	2,556	105	18	62
General..............	Port Arthur....	135	16	89	2,760	493	3,342	3,190	80	6	72
St. Joseph's General....	Port Arthur....	162	20	135	3,693	620	4,448	4,192	141	13	115
St. Catharines General†	St. Catharines...	157	18	88	4,220	666	4,974	4,684	179	19	111
Memorial.............	St. Thomas.....	100	25	100	2,609	550	3,259	3,006	163	13	90
Sarnia General.........	Sarnia.........	112	18	65	2,395	515	2,975	2,775	115	14	85
General..............	Sault Ste. Marie.	97	15	36	1,883	344	2,263	2,116	98	8	49
Stratford General.......	Stratford.......	118	21	75	2,041	377	2,493	2,322	104	11	67
St. Mary's............	Timmins.......	130	26	87	3,570	426	4,083	3,891	112	22	80
Mount Sinai...........	Toronto........	82	20	90	2,859	580	3,529	3,347	93	15	89
Toronto East General...	Toronto........	150	32	131	3,653	873	4,657	4,298	191	31	168
Wellesley.............	Toronto........	98	17	77	2,857	327	3,261	3,111	78	13	72
Women's College.......	Toronto........	140	45	103	4,013	1,123	5,239	5,012	80	29	147
Metropolitan General...	Windsor........	116	26	74	3,799	620	4,493	4,235	158	18	100
Salvation Army Grace...	Windsor........	105	15	89	3,340	662	4,091	3,848	133	20	110
TOTALS.......	....	3,858	619	2,913	92,796	15,829	111,538	104,611	3,907	533	3,020
GROUP 5 Capacity, 201 Beds and Over											
Brantford General x	Brantford.......	234	20	157	3,887	710	4,754	4,360	236	21	158
Hamilton General ‡....	Hamilton.......	706	111	519	15,738	2,185	18,442	17,089	768	83	585
Kingston General xx....	Kingston.......	328	25	223	7,241	524	7,988	7,556	248	20	184
St. Joseph's...........	London........	258	34	175	4,863	816	5,854	5,508	187	25	159
Victoria ‡‡............	London........	543	50	294	8,282	794	9,370	8,633	407	30	330
Ottawa Civic..........	Ottawa.........	540	60	534	12,975	1,300	14,809	13,787	543	55	479
Ottawa General........	Ottawa.........	370	25	285	7,112	576	7,973	7,420	308	21	245
St. Joseph's...........	Sudbury........	198	41	150	5,325	1,121	6,596	6,254	200	36	142
Hosp. for Sick Children.	Toronto........	432	....	300	9,213	....	9,513	8,911	342	....	260
St. Joseph's...........	Toronto........	315	26	243	7,111	1,006	8,360	7,694	412	32	254
St. Michael's..........	Toronto........	643	45	484	11,897	1,371	13,752	12,650	662	39	440
Toront General........	Toronto........	1,403	192	883	21,057	2,238	24,178	22,186	1,090	73	902
Toronto Western.......	Toronto........	518	72	477	11,317	1,877	13,671	12,679	546	70	446
Hotel Dieu............	Windsor........	205	21	121	5,549	1,010	6,680	6,272	231	26	177
TOTALS.......	....	6,693	722	4,845	131,567	15,528	151,940	140,999	6,180	531	4,761
GRAND TOTALS:											
Public General Ho	spitals.........	13,393	1,972	9,809	284,598	44,282	338,689	315,736	13,023	1,520	9,930
Red Cross Outpost	s..............	378	108	190	7,701	1,360	9,251	8,743	302	55	206
GRAND TOTALS incl.	Red Cross	13,771	2,080	9,999	292,299	45,642	347,940	324,479	13,325	1,575	10,136

*Includes 10 Isolation beds and 119 patients.
†Includes 10 Isolation beds and 112 patients.

xIncludes 28 Isolation beds with 177 patients.
‡Includes 70 Isolation beds with 337 patients.
xxIncludes 20 Isolation beds with 389 patients.
‡‡Includes 18 Isolation beds with 254 patients.

PUBLIC HOSPITALS (Cont'd)

TABLE No. II.—Showing the collective stay in days of the patients admitted and infants born in the hospital; also the number of professional and other staff in each.

Name of Hospital	Location	Total patients treated during year	Total patient days, adults and children, for year	Total days, infants born, for year	Total patient days, all patients, for year	Average number patients in hospital daily	Number of graduate and professional staff	Number of other employees, including nurses-in-training	Percentage of beds occupied during year
GROUP 1 Capacity, 1 to 25 Beds									%
Bowmanville Hospital	Bowmanville	725	4,724	1,427	6,151	17	9	8	73.2
Municipal Hospital	Cobalt	56	439	97	536	9	....	....	39.4
Haldimand War Memorial	Dunnville	557	4,259	1,191	5,450	15	7	4	62.2
Red Cross Memorial	Durham	195	3,111	467	3,578	10	4	3	40.8
Hanover Memorial	Hanover	379	3,532	973	4,505	12	5	4	56.1
Notre Dame	Hawkesbury	714	5,685	319	6,004	16	2	18	78.3
Rosedale War Memorial	Matheson	235	1,664	425	2,089	6	4	5	31.7
Louise Marshall	Mount Forest	214	2,560	642	3,202	9	3	6	41.8
Niagara Cottage	Niagara-on-the-Lake	259	2,284	451	2,735	8	4	5	49.9
Palmerston General	Palmerston	395	3,530	475	4,005	11	4	2	78.3
General	Penetanguishene	381	2,348	503	2,851	8	4	4	37.1
Sioux Lookout General	Sioux Lookout	574	4,796	416	5,212	14	4	7	71.3
Wingham General	Wingham	382	3,142	844	3,986	11	5	4	43.7
TOTALS		5,066	42,074	8,230	50,304	138	55	70	50.8
GROUP 2 Capacity, 26 to 50 Beds									
Stevenson Memorial	Alliston	627	5,593	1,174	6,767	19	9	7	51.5
Rosamond Memorial	Almonte	657	5,236	1,704	6,940	19	6	4	73.1
St. Joseph's	Blind River	432	4,020	458	4,478	12	5	4	37.2
Lady Minto	Chapleau	479	6,809	453	7,262	20	6	8	60.2
Clinton Public	Clinton	540	4,556	1,156	5,712	16	4	12	50.4
Groves Memorial	Fergus	510	5,200	868	6,068	17	10	5	50.3
Douglas Memorial	Fort Erie	1,084	8,048	1,755	9,803	27	14	12	53.7
La Verendrye Hospital	Fort Frances	723	6,040	627	6,667	18	8	23	36.5
Alexandra Marine and Gen.	Goderich	709	7,825	1,287	9,112	25	17	11	49.9
Misericordia	Haileybury	837	7,135	374	7,509	21	9	12	58.8
Alexandra	Ingersoll	957	9,050	1,953	11,003	30	10	7	71.8
Anson General	Iroquois Falls	837	8,345	1,089	9,434	26	7	6	68.0
Kincardine General	Kincardine	597	4,690	1,212	5,902	16	5	6	35.9
Memorial	Listowel	793	5,970	1,623	7,593	21	8	8	56.2
General	Mattawa	446	9,106	384	9,490	26	1	19	59.0
St. Andrew's	Midland	1,248	12,364	2,175	14,539	39	4	29	79.6
York County	Newmarket	1,220	9,911	2,060	11,971	33	12	8	81.9
Queen Victoria Memorial	North Bay	1,289	10,639	1,709	12,348	34	15	13	67.6
Lord Dufferin	Orangeville	833	8,565	1,329	9,894	27	12	7	93.4
Willett	Paris	604	7,809	1,186	8,995	25	8	7	57.3
Parry Sound General	Parry Sound	1,063	10,796	1,731	12,527	34	8	8	110.7
Charlotte Eleanor Englehart	Petrolia	767	7,888	1,588	9,476	26	13	9	74.1
Scott Memorial	Seaforth	603	4,955	1,173	6,128	17	6	12	62.1
St. Francis General	Smiths Falls	450	8,449	526	8,975	25	11	14	61.4
Porcupine General	South Porcupine	1,216	7,967	2,588	10,555	29	11	11	68.8
Strathroy General	Strathroy	637	7,273	1,508	8,781	24	4	25	51.1
St. Jean de Brebeuf	Sturgeon Falls	656	10,924	779	11,703	32	7	10	80.1
Soldiers' Memorial	Tillsonburg	1,244	10,147	1,863	12,010	39	20	13	80.2
Lockwood Clinic	Toronto	998	8,333	....	8,333	23	12	24	57.0
Mothercraft Centre	Toronto	208	2,903	....	2,903	8	8	21	28.4
County of Bruce General	Walkerton	798	6,632	1,088	7,720	21	9	7	57.1
TOTALS		24,062	233,178	37,420	270,598	741	279	362	60.2
GROUP 3 Capacity, 51 to 100 Beds									
Royal Victoria	Barrie	2,097	18,420	3,635	22,055	60	11	49	76.4
Peel Memorial	Brampton	1,283	9,702	2,508	12,210	33	14	13	64.3
St. Vincent de Paul	Brockville	1,329	15,965	1,688	17,653	48	17	43	65.3
Cobourg General	Cobourg	831	6,854	1,576	8,430	23	10	12	39.8
Lady Minto	Cochrane	740	12,792	1,229	14,021	38	16	14	54.8
General and Marine	Collingwood	1,418	17,251	2,109	19,360	53	8	59	88.4
Cornwall General	Cornwall	1,814	20,745	2,223	22,968	62	11	70	72.3
Galt General	Galt	2,211	19,052	3,482	22,534	61	36	28	67.8
St. Paul's	Hearst	1,472	15,340	1,218	16,558	45	12	22	62.1
Kenora General	Kenora	962	9,680	1,124	10,804	30	6	26	51.9
St. Joseph's	Kenora	862	9,196	1,162	10,358	29	8	19	44.3
The Ross Memorial	Lindsay	1,719	14,790	3,173	17,963	49	12	56	82.0
Orillia Soldiers' Memorial	Orillia	2,121	20,923	2,841	23,764	65	13	64	81.3
Protestant Children's	Ottawa	934	10,203	....	10,203	28	21	11	50.8
Salvation Army Grace	Ottawa	4,050	22,530	17,552	40,082	109	12	63	113.2
St. Joseph's General	Parry Sound	1,509	13,282	2,419	15,701	43	5	28	67.2
Pembroke Cottage	Pembroke	1,419	12,408	1,544	13,952	38	17	13	65.9
Great War Memorial	Perth	1,284	12,766	1,973	14,739	40	23	12	77.6
Nicholl's	Peterborough	2,520	27,009	4,329	31,338	86	18	82	87.6
Prince Edward County	Picton	1,070	8,681	2,285	10,966	30	4	22	55.6
The Port Hope Hospital	Port Hope	879	8,419	1,416	9,835	27	11	9	52.8

PUBLIC HOSPITALS (Cont'd)

TABLE No. II.—Showing the collective stay in days of the patients admitted and infants born in the hospital; also the number of professional and other staff in each.

Name of Hospital	Location	Total patients treated during year	Total patient days, adults and children, for year	Total days, infants born, for year	Total patient days, all patients, for year	Average number patients in hospital daily	Number of graduate and professional staff	Number of other employees, including nurses-in-training	Percentage of beds occupied during year
Group 3 (Cont'd)									%
Victoria	Renfrew	1,099	11,664	1,661	13,325	36	4	25	45.6
Plummer Memorial	Sault Ste. Marie	1,813	15,546	2,972	18,518	50	18	48	79.2
Norfolk General	Simcoe	1,800	16,083	3,880	19,963	55	29	21	75.8
Smiths Falls Public	Smiths Falls	1,138	14,102	1,582	15,684	43	22	13	63.1
Salvation Army Grace	Toronto	2,889	15,448	11,846	27,294	75	14	46	82.1
Welland County General	Welland	2,890	23,845	4,854	28,699	79	36	23	87.3
Woodstock General	Woodstock	1,930	19,129	2,999	22,128	60	15	67	60.6
TOTALS		46,083	421,825	89,280	511,105	1,400	423	958	70.0
GROUP 4 Capacity, 101 to 200 Beds									
Belleville General$	Belleville	5,358	45,662	6,933	52,595	144	32	138	74.6
Brockville General	Brockville	2,128	24,982	1,973	26,955	74	10	82	64.7
Public General	Chatham	3,113	25,874	4,325	30,199	83	15	98	73.2
St. Joseph's	Chatham	2,886	23,236	4,864	28,100	77	13	85	55.3
Hotel Dieu	Cornwall	3,494	33,891	3,785	37,676	103	30	88	74.7
McKellar General	Fort William	4,856	55,682	2,384	58,066	159	50	106	80.3
Guelph General	Guelph	2,368	25,872	2,951	28,823	79	11	95	71.7
St. Joseph's	Guelph	2,070	21,698	3,051	24,749	68	6	80	65.8
St. Joseph's	Hamilton	5,449	46,362	9,331	55,693	153	39	166	82.4
Hotel Dieu	Kingston	3,985	43,576	5,066	48,642	133	42	106	66.6
Kitchener-Waterloo	Kitchener	3,269	27,984	5,164	33,148	91	21	113	64.8
St. Mary's	Kitchener	2,998	27,351	5,252	32,603	89	15	90	72.0
Niagara Falls General	Niagara Falls	3,619	27,907	4,982	32,889	90	11	71	65.2
St. Joseph's General	North Bay	2,128	19,404	1,736	21,140	58	14	75	46.3
Oshawa General	Oshawa	3,841	26,695	5,009	31,704	87	20	83	82.7
General and Marine	Owen Sound	2,129	19,910	3,278	23,188	64	12	64	62.8
General	Pembroke	2,019	20,168	2,370	22,538	61	12	71	49.3
St. Joseph's	Peterborough	2,723	22,546	4,422	26,968	74	14	62	67.1
General	Port Arthur	3,442	33,224	5,145	38,369	105	19	81	69.6
St. Joseph's General	Port Arthur	4,448	44,887	6,354	51,241	140	15	104	77.1
St. Catharines General‡	St. Catharines	4,974	38,407	6,486	44,893	122	18	105	70.2
Memorial	St. Thomas	3,259	29,795	6,314	36,109	99	13	103	79.1
Sarnia General	Sarnia	2,975	27,864	5,162	33,026	90	10	103	69.6
General	Sault Ste. Marie	2,263	19,515	3,387	22,902	63	15	58	56.0
Stratford General	Stratford	2,493	23,584	3,745	27,329	75	12	91	53.8
St. Mary's	Timmins	4,083	29,546	4,361	33,907	93	24	94	63.6
Mount Sinai	Toronto	3,529	29,198	5,602	34,800	95	37	43	93.4
Toronto East General	Toronto	4,657	49,813	9,392	59,205	162	39	175	89.1
Wellesley	Toronto	3,261	29,466	3,979	33,445	92	24	161	79.6
Women's College	Toronto	5,239	41,132	13,194	54,326	149	38	163	80.4
Metropolitan General	Windsor	4,493	35,565	6,150	41,715	114	62	107	80.4
Salvation Army Grace	Windsor	4,091	33,597	7,163	40,760	111	10	110	93.0
TOTALS		111,640	1,004,393	163,310	1,167,703	3,199	703	3,171	71.5
GROUP 5 Capacity, 201 Beds and Over									
Brantford General*	Brantford	4,754	51,521	8,152	59,673	163	36	177	64.3
Hamilton General**	Hamilton	18,410	190,137	24,281	214,418	587	130	567	71.9
Kingston General†	Kingston	7,988	80,030	5,849	85,879	235	61	260	66.6
St. Joseph's	London	5,854	62,347	10,482	72,829	199	32	206	68.3
Victoria††	London	9,370	129,397	10,100	139,497	382	83	398	64.4
Ottawa Civic	Ottawa	14,809	187,123	17,084	204,207	559	100	476	93.2
Ottawa General	Ottawa	7,973	102,129	6,484	108,613	297	109	244	75.0
St. Joseph's	Sudbury	6,596	48,369	10,001	58,370	160	35	141	66.9
Hospital for Sick Children	Toronto	9,513	132,472	....	132,472	362	119	419	84.0
St. Joseph's	Toronto	8,360	88,421	10,679	99,100	272	60	291	79.6
St. Michael's	Toronto	13,752	175,931	16,412	192,343	526	126	581	76.6
Toronto General	Toronto	24,178	362,265	28,593	390,858	1,070	283	1,137	67.1
Toronto Western	Toronto	13,671	157,707	21,156	178,863	490	144	472	83.0
Hotel Dieu	Windsor	6,680	46,522	11,627	58,149	159	19	182	70.5
TOTALS		151,908	1,814,371	180,900	1,995,271	5,466	1,337	5,551	73.7
GRAND TOTALS:									
Public General Hospitals		338,759	3,515,841	479,140	3,994,981	10,945	2,797	10,112	71.2
Red Cross Outposts		9,253	68,272	13,879	82,151	225	96	106	46.3
GRAND TOTALS including Red Cross		348,012	3,584,113	493,019	4,077,132	11,170	2,893	10,218	70.4

$Includes 119 isolation patients with 847 days.
*Includes 177 isolation patients with 2,362 days.
**Includes 337 isolation patients with 7,925 days.
‡Includes 112 isolation patients with 1,414 days.
†Includes 389 isolation patients with 4,105 days.
††Includes 254 isolation patients with 4,635 days.

PUBLIC HOSPITALS (Cont'd)

TABLE No. III.—Showing the cost of operating the hospitals, also the average daily cost of each patient

Name of Hospital	Location	Total patient days, all patients for year	Cost of dietary supplies	Other operating costs	Total operating cost excluding provision for bad debts, depreciation, interest and capital charges	Average daily per capita cost	Interest and capital charges
GROUP 1 Capacity, 1 to 25 Beds			$ c.	$ c.	$ c.	$ c.	$ c.
Bowmanville Hospital	Bowmanville	6,151	3,453.18	15,708.81	19,161.99	3.12	....
Haldimand War Memorial	Dunnville	5,450	3,928.62	13,041.68	16,970.30	3.11	....
Red Cross Memorial	Durham	3,578	1,163.08	6,459.38	7,622.46	2.13	380.21
Hanover Memorial	Hanover	4,505	1,839.65	9,510.48	11,350.13	2.52	170.00
Notre Dame	Hawkesbury	6,004	3,238.66	14,037.87	17,276.53	2.88	....
Rosedale War Memorial	Matheson	2,089	1,481.41	7,017.30	8,498.71	4.07	....
Louise Marshall	Mount Forest	3,202	1,045.83	6,183.39	7,229.22	2.26	....
Niagara Cottage	Niagara-on-the-Lake	2,735	1,970.69	7,323.46	9,294.15	3.50	....
Palmerston General	Palmerston	4,005	2,235.53	8,286.53	10,522.06	2.63	....
General	Penetanguishene	2,851	1,232.17	8,697.02	9,929.19	3.48	....
Sioux Lookout General	Sioux Lookout	5,212	2,714.51	12,785.37	15,499.88	2.97	....
Wingham General	Wingham	3,986	1,876.64	9,391.67	11,268.31	2.83	....
TOTALS	....	49,768	26,179.97	118,442.96	144,622.93	2.96	550.21
GROUP 2 Capacity, 26 to 50 Beds							
Stevenson Memorial	Alliston	6,767	4,052.39	21,802.54	25,854.93	3.82	....
Rosamond Memorial	Almonte	6,940	3,125.32	14,838.28	17,963.60	2.59	....
St. Joseph's	Blind River	4,478	2,020.06	6,943.80	8,963.86	2.00	885.00
Lady Minto	Chapleau	7,262	3,704.20	14,262.98	17,967.18	2.47	....
Clinton Public	Clinton	5,712	3,369.17	12,037.92	15,407.09	2.70	769.76
Groves Memorial	Fergus	6,068	5,225.78	15,931.25	21,157.03	3.49	....
Douglas Memorial	Fort Erie	9,803	5,975.38	31,397.67	37,373.05	3.91	....
La Verendrye	Fort Francis	6,667	3,673.82	16,126.45	19,800.27	2.97	4,619.52
Alexandra Marine and Gen.	Goderich	9,112	7,091.92	21,867.41	28,959.33	3.18	....
Misericordia	Haileybury	7,509	5,213.95	21,306.76	26,520.71	3.53	4,652.00
Alexandra	Ingersoll	11,003	5,008.73	22,041.45	27,050.18	2.46	....
Anson General	Iroquois Falls	9,434	7,749.31	34,919.96	42,669.27	4.52	....
Kincardine General	Kincardine	5,902	3,118.84	14,164.75	17,283.59	2.93	....
Memorial	Listowel	7,593	3,553.57	18,002.90	21,556.47	2.84	503.45
General	Mattawa	9,490	4,087.48	18,153.59	22,241.07	2.34	....
St. Andrew's	Midland	14,539	5,405.55	21,890.44	27,295.99	1.84	....
York County	Newmarket	11,971	6,381.32	29,920.52	36,301.84	3.03	....
Queen Victoria Memorial	North Bay	12,348	9,365.55	38,981.76	48,347.31	3.91	....
Lord Dufferin	Orangeville	9,894	3,924.89	22,144.01	26,068.90	2.63	....
Willett	Paris	8,995	4,762.84	20,242.47	25,005.31	2.78	....
Parry Sound General	Parry Sound	12,527	5,559.72	14,628.54	20,188.26	1.61	....
Charlotte E. Englehart	Petrolia	9,476	5,296.31	25,985.81	31,282.12	3.30	....
Scott Memorial	Seaforth	6,128	3,291.18	12,421.96	15,713.14	2.56	....
St. Francis General	Smith's Falls	8,975	8,616.78	19,196.19	27,812.97	3.10	362.00
Porcupine General	South Porcupine	10,555	7,289.99	31,309.15	38,599.14	3.66	....
Strathroy General	Strathroy	8,781	4,276.82	17,883.91	22,160.73	2.52	....
St. Jean de Brebeuf	Sturgeon Falls	11,703	4,456.25	19,332.09	23,788.34	2.03	....
Soldiers' Memorial	Tillsonburg	12,010	6,768.75	28,564.77	35,333.52	2.12	....
Lockwood Clinic	Toronto	8,333	6,590.20	37,936.70	44,526.90	5.34	1,785.67
Mothercraft	Toronto	2,903	3,851.09	11,152.29	15,003.38	5.17	123.99
County of Bruce General	Walkerton	7,720	3,710.37	19,587.57	23,297.94	3.02	....
TOTALS	....	270,598	156,517.53	654,975.89	811,493.42	3.00	13,701.39
GROUP 3 Capacity, 51 to 100 Beds							
Royal Victoria	Barrie	22,055	17,496.91	47,670.92	65,167.83	2.95	....
Peel Memorial	Brampton	12,210	11,066.03	26,771.10	37,837.13	3.10	495.00
St. Vincent de Paul	Brockville	17,653	19,067.89	50,749.53	69,817.42	3.95	....
Cobourg General	Cobourg	8,430	4,579.49	21,626.20	26,205.69	3.11	....
Lady Minto	Cochrane	14,021	10,303.32	26,908.75	37,212.07	2.65	....
General and Marine	Collingwood	19,360	12,603.63	37,424.71	50,028.34	2.59	....
Cornwall General	Cornwall	22,968	18,406.28	60,525.60	78,931.88	3.44	162.20
Galt General	Galt	22,534	18,203.84	74,293.33	92,497.17	4.10	....
St. Paul's	Hearst	16,558	10,996.77	37,596.47	48,593.24	2.93	....
Kenora General	Kenora	10,804	8,418.47	24,439.17	32,857.64	3.04	786.00
St. Joseph's	Kenora	10,358	8,119.93	23,551.04	31,670.97	3.06	4,600.50
The Ross Memorial	Lindsay	17,963	11,533.29	40,054.67	51,587.96	2.82	....
Orillia Soldiers' Memorial	Orillia	23,764	18,060.25	49,303.59	67,363.84	2.83	271.43
Protestant Children's	Ottawa	10,203	4,852.52	17,540.08	22,392.60	2.19	920.00
Salvation Army Grace	Ottawa	40,082	14,871.86	57,777.23	72,649.09	1.81	....
St. Joseph's General	Parry Sound	15,701	9,131.88	22,373.90	31,505.78	2.01	3,356.32
Pembroke Cottage	Pembroke	13,952	9,182.53	47,158.93	56,341.46	4.04	....
Great War Memorial	Perth	14,739	8,814.79	31,031.61	39,846.40	2.70	....
Nicholl's	Peterborough	31,338	22,952.18	80,194.67	103,146.85	3.29	....

PUBLIC HOSPITALS (Cont'd)

TABLE No. III.—Showing the cost of operating the hospitals, also the average daily cost of each patient

Name of Hospital	Location	Total patient days, all patients for year	Cost of dietary supplies	Other operating costs	Total operating cost excluding provision for bad debts, depreciation, interest and capital charges	Average daily per capita cost	Interest and capital charges
Group 3 (Cont'd)			$ c.	$ c.	$ c.	$ c.	$ c.
Prince Edward County	Picton	10,966	6,495.79	18,881.20	25,376.99	2.31	220.00
The Port Hope	Port Hope	9,835	4,340.21	23,026.79	27,367.00	2.77	....
Victoria	Renfrew	13,325	7,735.89	24,056.78	31,792.67	2.38	3,816.07
Plummer Memorial	Sault Ste. Marie	18,518	13,149.67	36,686.70	49,836.37	2.64	1,600.00
Norfolk General	Simcoe	19,963	8,477.91	56,609.03	65,086.94	3.26	....
Smith's Falls Public	Smith's Falls	15,684	10,802.61	32,478.19	43,280.80	2.76	....
Salvation Army Grace	Toronto	27,294	14,527.74	52,911.35	67,439.09	2.47	....
Welland County General	Welland	28,699	16,861.92	69,500.55	86,362.47	3.01	....
Woodstock General	Woodstock	22,128	16,659.44	63,412.09	80,071.53	3.62	201.64
TOTALS		511,105	337,713.04	1,154,554.18	1,492,267.22	2.92	16,429.16
GROUP 4 Capacity, 101 to 200 Beds							
Belleville General	Belleville	52,595	32,380.62	124,532.11	156,912.73	2.98	5,297.87
Brockville General	Brockville	26,955	24,002.94	62,141.43	86,144.37	3.20	....
Public General	Chatham	30,199	20,785.39	63,802.76	84,588.15	2.80	2,357.46
St. Joseph's	Chatham	28,100	22,584.00	67,452.73	90,036.73	3.20	270.16
Hotel Dieu	Cornwall	37,676	24,144.15	59,516.77	83,660.92	2.22	10,654.82
McKellar General	Fort William	58,066	32,368.17	150,799.34	183,167.51	3.15	21,524.65
Guelph General	Guelph	28,823	25,032.70	78,721.48	103,754.18	3.60	....
St. Joseph's	Guelph	24,749	26,318.60	57,360.51	83,679.11	3.38	....
St. Joseph's	Hamilton	55,693	42,950.35	117,291.64	160,241.99	2.88	....
Hotel Dieu	Kingston	48,642	41,457.36	96,649.14	138,106.50	2.84	11,142.72
Kitchener-Waterloo	Kitchener	33,148	26,583.06	114,581.71	141,164.77	4.26	1,441.00
St. Mary's	Kitchener	32,603	27,006.46	65,590.73	92,597.19	2.84	8,099.32
Niagara Falls General	Niagara Falls	32,889	20,331.99	79,625.93	99,957.92	3.04	....
St. Joseph's General	North Bay	21,140	12,345.02	40,529.64	52,874.66	2.50	6,637.87
Oshawa General	Oshawa	31,704	27,828.76	90,847.94	118,676.70	3.74	....
General and Marine	Owen Sound	23,188	16,029.08	61,787.65	77,816.73	3.36	880.00
General	Pembroke	22,538	14,096.34	50,220.94	64,317.28	2.85	....
St. Joseph's	Peterborough	26,968	13,818.55	45,917.70	59,736.25	2.22	....
General	Port Arthur	38,369	23,222.94	83,275.12	106,498.06	2.78	16,648.88
St. Joseph's General	Port Arthur	51,241	31,594.22	96,304.76	127,898.98	2.50	....
St. Catharines General	St. Catharines	44,893	32,531.74	136,819.54	169,351.28	3.77	1,149.99
Memorial	St. Thomas	36,109	29,900.01	102,506.86	132,406.87	3.67	....
Sarnia General	Sarnia	33,026	26,901.23	76,840.36	103,741.59	3.14	....
General	Sault Ste. Marie	22,902	13,809.36	48,324.28	62,133.64	2.71	....
Stratford General	Stratford	27,329	22,391.23	73,616.10	96,007.33	3.51	....
St. Mary's	Timmins	33,907	26,175.33	105,568.11	131,743.44	3.89	....
Mount Sinai	Toronto	34,800	23,435.81	106,384.69	129,820.50	3.73	658.85
Toronto East General	Toronto	59,205	39,069.11	167,936.90	207,006.01	3.50	....
Wellesley	Toronto	33,445	44,912.04	135,899.58	180,811.62	5.41	4,552.54
Women's College	Toronto	54,326	32,400.92	157,281.94	189,682.86	3.49	5,690.33
Metropolitan General	Windsor	41,715	25,585.66	179,897.76	205,483.42	4.93	....
Salvation Army Grace	Windsor	40,760	27,084.09	105,293.25	132,377.34	3.25	....
TOTALS		1,167,703	849,077.23	3,003,319.40	3,852,396.63	3.30	97,006.46
GROUP 5 Capacity, 201 Beds and Over							
Brantford General	Brantford	59,673	39,244.57	177,081.06	216,325.63	3.63	....
Hamilton General	Hamilton	214,418	145,551.79	629,160.95	774,712.74	3.61	38,612.21
Kingston General	Kingston	85,879	78,724.12	253,223.17	331,947.29	3.87	2,500.00
St. Joseph's	London	72,829	57,395.08	174,248.07	231,643.15	3.18	19,076.65
Victoria	London	139,497	101,721.87	397,578.59	499,300.46	3.58	91,884.03
Ottawa Civic	Ottawa	204,207	140,033.72	554,482.22	694,515.94	3.40	114,247.63
Ottawa General	Ottawa	108,613	54,974.24	270,092.70	325,066.94	2.99	30,106.92
St. Joseph's	Sudbury	58,370	34,143.29	148,719.24	182,862.53	3.13	16,343.09
Hospital for Sick Children	Toronto	132,472	110,201.67	496,930.71	607,132.38	4.58	....
St. Joseph's	Toronto	99,100	79,190.40	234,228.37	313,418.77	3.16	20,803.40
St. Michael's	Toronto	192,343	145,865.93	531,082.06	676,947.99	3.52	48,258.33
Toronto General	Toronto	390,858	303,035.85	1,426,866.74	1,729,902.59	4.43	....
Toronto Western	Toronto	178,863	148,165.86	633,602.78	781,768.64	4.37	15,500.00
Hotel Dieu	Windsor	58,149	47,784.69	141,733.70	189,518.39	3.26	27,554.90
TOTALS		1,995,271	1,486,033.08	6,069,030.36	7,555,063.44	3.79	424,887.16
GRAND TOTALS:							
Public General Hospitals		3,994,445	2,855,520.85	11,000,322.79	13,855,843.64	3.47	552,574.38
Red Cross Outposts		82,151	57,986.16	268,757.23	326,743.39	3.50	....
GRAND TOTALS incl. Red Cross		4,076,596	2,913,507.01	11,269,080.02	14,182,587.03	3.48	552,574.38

PUBLIC HOSPITALS (Cont'd)

TABLE No. IV.—Showing the sources of income of hospitals.

Name of Hospital	Location	Income from patients for treatment	Income from municipalities for patients' treatment	Income from investments, endowments, property, miscellaneous	Income from donations, bequests and other gratuitous sources	Grants from municipalities for building, debentures, etc.	Total income from all sources other than Government grants
GROUP 1 Capacity, 1 to 25 Beds		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Bowmanville	Bowmanville	13,965.73	2,078.05	1,111.99	545.70	...	17,701.47
Haldimand War Memorial	Dunnville	13,168.93	2,334.75	89.60	388.54	...	15,981.82
Red Cross Memorial	Durham	5,976.34	1,965.50	145.74	...	...	8,087.58
Hanover Memorial	Hanover	7,916.61	2,671.97	...	1,297.77	...	11,886.35
Notre Dame	Hawkesbury	9,051.97	4,758.10	95.00	192.42	...	14,097.49
Rosedale War Memorial	Matheson	2,519.20	8.75	4,060.90	34.65	...	6,623.50
Louise Marshall	Mount Forest	7,421.89	460.99	116.62	33.00	...	8,032.50
Niagara Cottage	Niagara-on-Lake	5,476.33	1,330.00	241.61	930.09	...	7,978.03
Palmerston General	Palmerston	10,471.42	1,700.35	38.10	500.00	...	12,709.87
General	Penetanguishene	6,293.43	1,947.46	...	372.72	...	8,613.61
Sioux Lookout General	Sioux Lookout	15,597.75	303.50	623.92	1,760.10	...	18,285.27
Wingham General	Wingham	10,259.64	573.75	357.28	60.00	1,100.00	12,350.67
TOTALS	...	108,119.24	20,133.17	6,880.76	6,114.99	1,100.00	142,348.16
GROUP 2 Capacity, 26 to 50 Beds							
Stevenson Memorial	Alliston	16,234.13	1,956.40	14,749.58	20.87	...	32,960.98
Rosamond Memorial	Almonte	13,571.52	1,292.28	1,516.95	2,522.49	...	18,903.24
St. Joseph's	Blind River	8,248.56	484.35	...	9,704.69	...	18,437.60
Lady Minto	Chapleau	13,285.94	...	1,053.99	1,140.10	...	15,480.03
Clinton Public	Clinton	15,095.16	1,637.50	170.38	100.00	...	17,003.04
Groves Memorial	Fergus	18,673.61	2,951.50	...	191.67	...	21,816.78
Douglas Memorial	Fort Erie	31,994.28	5,214.30	6,000.67	...	...	43,209.25
La Verendrye	Fort Frances	16,564.89	636.60	...	3,650.02	...	20,851.51
Alexandra Marine & Gen.	Goderich	22,292.98	2,934.60	1,808.69	...	...	27,036.27
Misericordia	Haileybury	20,504.85	1,904.45	...	9,479.51	...	31,888.81
Alexandra	Ingersoll	25,205.06	2,621.75	1,196.96	230.53	...	29,254.30
Anson General	Iroquois Falls	28,821.75	3,211.83	...	...	...	32,033.58
Kincardine General	Kincardine	13,467.38	4,200.00	710.82	27.00	1,350.00	19,755.20
Memorial	Listowel	21,488.93	2,550.00	611.35	135.00	...	24,785.28
General	Mattawa	6,817.26	6,601.70	2,739.93	6,016.08	...	22,174.97
St. Andrew's	Midland	24,569.22	6,576.35	618.31	252.74	...	32,016.62
York County	Newmarket	27,166.95	5,580.30	615.17	1,700.00	...	35,062.42
Queen Victoria Memorial	North Bay	41,447.23	6,611.10	...	1,175.72	...	49,234.05
Lord Dufferin	Orangeville	24,767.72	4,970.79	188.73	326.29	...	30,253.53
Willett	Paris	22,661.21	3,857.47	742.14	1,009.60	...	28,270.42
Parry Sound General	Parry Sound	21,034.44	3,181.60	...	677.07	...	24,893.11
Charlotte E. Englehart	Petrolia	24,846.74	1,752.05	4,037.00	75.14	...	30,710.93
Scott Memorial	Seaforth	16,265.76	2,172.13	435.72	...	...	18,873.61
St. Francis General	Smiths Falls	20,101.07	2,752.50	16.51	11,621.43	...	34,491.51
Porcupine General	South Porcupine	40,125.48	1,108.60	1,378.49	415.11	...	43,027.68
Strathroy General	Strathroy	16,096.19	5,162.50	681.16	359.95	...	22,299.80
St. Jean de Brebeuf	Sturgeon Falls	10,833.98	10,429.45	73.63	102.00	...	21,439.06
Soldiers' Memorial	Tillsonburg	28,940.73	6,238.60	5,977.40	425.73	...	41,582.46
Lockwood Clinic	Toronto	41,865.78	...	...	...	...	41,865.78
Mothercraft	Toronto	3,507.32	2,184.00	...	714.08	...	6,405.40
County of Bruce General	Walkerton	18,953.76	4,800.00	529.11	931.28	...	25,214.15
TOTALS	...	655,449.88	105,574.70	45,852.69	53,004.10	1,350.00	861,231.37
GROUP 3 Capacity, 51 to 100 Beds							
Royal Victoria	Barrie	58,120.75	8,911.35	1,639.90	225.85	...	68,897.85
Peel Memorial	Brampton	33,936.49	5,131.30	605.43	9,771.51	...	49,444.73
St. Vincent de Paul	Brockville	49,349.10	6,604.75	6,179.60	18,071.99	...	80,205.44
Cobourg General	Cobourg	21,079.34	3,945.30	1,053.54	751.34	...	26,829.52
Lady Minto	Cochrane	15,633.01	4,436.35	4,577.62	...	...	24,646.98
General and Marine	Collingwood	44,731.24	6,383.93	822.69	1,966.65	...	53,904.51
Cornwall General	Cornwall	56,653.64	17,392.45	5,030.63	4,962.74	...	84,039.46
Galt General	Galt	66,959.45	6,620.15	2,745.56	3,180.00	4,795.15	84,300.31
St. Paul's	Hearst	18,623.07	736.40	492.45	3,415.11	...	23,267.03
Kenora General	Kenora	23,750.95	8,671.93	103.25	1,735.05	...	34,261.18
St. Joseph's	Kenora	21,966.84	2,785.17	356.21	6,867.48	2,304.29	34,279.99
The Ross Memorial	Lindsay	42,225.90	8,676.75	1,909.87	...	...	52,812.52
Orillia Soldiers' Memorial	Orillia	62,149.04	5,527.40	931.31	...	...	68,607.75
Protestant Children's	Ottawa	6,861.21	12,269.00	31.46	10,618.50	...	29,780.17
Salvation Army Grace	Ottawa	57,381.33	3,838.75	3,019.60	584.75	...	64,824.43
St. Joseph's General	Parry Sound	28,250.34	1,640.25	207.78	5,708.10	...	35,806.47
Pembroke Cottage	Pembroke	40,983.63	2,012.75	3,601.09	196.15	...	46,793.62
Great War Memorial	Perth	42,481.90	2,529.00	2,567.18	...	...	47,578.08
Nicholls	Peterborough	81,561.46	14,129.00	13,518.44	...	...	109,208.90
Prince Edward County	Picton	21,797.06	4,251.05	1,004.66	1,575.14	...	28,627.91

PUBLIC HOSPITALS (Cont'd)

TABLE No. IV.—Showing the sources of income of hospitals.

Name of Hospital	Location	Income from patients for treatment	Income from municipalities for patients' treatment	Income from investments, endowments, property, miscellaneous	Income from donations, bequests and other gratuitous sources	Grants from municipalities for building, debentures, etc.	Total income from all sources other than Government grants
Group 3 (Cont'd)		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
The Port Hope	Port Hope	24,808.55	3,269.30	1,918.45	84.82		30,081.12
Victoria	Renfrew	23,327.72	7,800.95	352.12	25.00		31,505.79
Plummer Memorial	Sualt Ste. Marie	51,620.44	2,449.60		40.00		54,110.04
Norfolk General	Simcoe	48,631.38	7,783.66	2,294.51	3,857.79		62,567.34
Smiths Falls Public	Smiths Falls	34,957.56	7,085.85	2,059.98	1,811.49		45,914.88
Salvation Army Grace	Toronto	62,376.39	3,314.40	2,214.03	70.48		67,975.30
Welland County General	Welland	90,344.27	5,911.75	451.61	53,278.00		149,985.63
Woodstock General	Woodstock	62,515.58	7,934.35	1,513.54	2,002.04		73,965.51
TOTALS		1,193,077.64	172,042.89	61,202.51	130,799.98	7,099.44	1,564,222.46
GROUP 4 Capacity, 101 to 200 Beds							
Belleville General	Belleville	141,879.98	28,746.65	3,727.72	1,018.51	2,400.00	177,772.86
Brockville General	Brockville	73,478.86	13,122.80	5,445.62	59,751.62		151,798.90
Public General	Chatham	96,687.41	6,044.70		1,850.32	8,500.00	113,083.43
St. Joseph's	Chatham	88,344.35	8,414.05	3,181.59	15,664.35		115,604.34
Hotel Dieu	Cornwall	50,720.90	38,529.40	1,165.24	1,004.05		91,419.59
McKellar General	Fort William	160,835.79	54,290.44	45.00			215,171.23
Guelph General	Guelph	90,893.17	15,315.05	3,158.31			109,366.53
St. Joseph's	Guelph	63,664.26	9,042.90	9,874.66	2,170.75		84,752.57
St. Joseph's	Hamilton	154,771.33	14,074.59	995.24	15,803.86		185,645.02
Hotel Dieu	Kingston	110,840.53	24,323.61	5,119.28	25,880.52		166,163.94
Kitchener-Waterloo	Kitchener	124,038.62	35,307.70	5,572.52	135.00		165,053.84
St. Mary's	Kitchener	98,852.30	12,213.35	4,218.53	14,884.18	3,265.00	133,433.36
Niagara Falls General	Niagara Falls	123,734.93	4,566.51	513.56	717.50		129,532.50
St. Joseph's General	North Bay	48,659.06	10,481.80	1,415.10	10,075.37		70,631.33
Oshawa General	Oshawa	119,582.17	4,390.65	10,855.87	741.42		135,570.11
General and Marine	Owen Sound	84,024.45	500.00	814.82	1,183.13	3,500.00	90,022.40
General	Pembroke	50,640.01	4,655.14	7.35	12,920.00		68,222.50
St. Joseph's	Peterborough	69,371.50	5,629.45	370.30	5,222.25		80,593.50
General	Port Arthur	98,220.83	14,462.25	1,792.55	1,681.15		116,156.78
St. Joseph's General	Port Arthur	148,808.68	13,500.00	4,311.08	22,617.22		189,236.98
St. Catharines General	St. Catharines	141,563.52	14,695.50	5,197.02	3,291.04		164,747.08
Memorial	St. Thomas	110,756.17	24,159.30	2,039.45	550.06		137,504.98
Sarnia General	Sarnia	101,816.37	14,922.80	1,896:61	81.73		118,717.51
General	Sault Ste. Marie	61,811.61	5,061.55	868.04	8,260.35		76,001.55
Stratford General	Stratford	91,005.71	12,142.50	4.00	1,660.00		104,812 21
St. Mary's	Timmins	145,238.41	10,573.95	14,909.74	15,642.06		186,364.16
Mount Sinai	Toronto	100,339.31	18,757.30	67.50	21,397.49		140,561.60
Toronto East General	Toronto	184,197.17	31,901.48	9,064.69	903.20		226,066.54
Wellesley	Toronto	180,613.35	1,819.16	1,475.23			183,907.74
Women's College	Toronto	162,910.68	30,613.93	121.28			193,645.89
Metropolitan General	Windsor	161,627.13	9,025.75	3,763.80	318.26		174,734.94
Salvation Army Grace	Windsor	117,663.33	7,798.60	5,716.35	749.87		131,928.15
TOTALS		3,557,591.89	499,082.86	107,708.05	246,175.26	17,665.00	4,428,223.06
GROUP 5 Capacity, 201 Beds and Over							
Brantford General	Brantford	144,975.67	44,614.88	1,265.00	1,345.33		192,200.88
Hamilton General	Hamilton	444,840.69	308,951.82				753,792.51
Kingston General	Kingston	237,476.73	53,501.34	4,144.42	22,622.43		317,744.92
St. Joseph's	London	240,001.35	26,012.87	8,420.42	35,495.90		309,930.54
Victoria	London	295,471.55	199,394.40	1,575.59		91,884.03	588,325.57
Ottawa Civic	Ottawa	527,538.98	120,712.21	3,314.51		114,247.63	765,813.33
Ottawa General	Ottawa	229,037.19	82,581.77	1,953.01	25,357.50		338,929.47
St. Joseph's	Sudbury	176,661.64	13,248.60	1,022.30	32,332.61		223,265.15
Hosp. for Sick Children	Toronto	169,228.21	158,918.49	76,617.74	62,241.43		467,005.87
St. Joseph's	Toronto	232,660.83	69,022.20	50.74	29,633.98		331,367.75
St. Michael's	Toronto	455,329.71	179,488.27	2,214.90	68,645.00		705,677.88
Toronto General	Toronto	1,227,547.10	310,102.24	85,821.92	7,495.50		1,630,966.76
Toronto Western	Toronto	585,951.13	130,677.21	28,595.02	343.57		745,566.93
Hotel Dieu	Windsor	213,721.27	10,219.38	8,368.01	31,905.57		264,214.23
TOTALS		5,180,442.05	1,707,445.68	223,363.58	317,418.82	206,131.66	7,634,801.79
GRAND TOTALS:							
Public General Hospitals		10,694,680.70	2,504,279.30	445,007.59	753,513.15	233,346.10	14,630,826.84
Red Cross Outposts		213,368.64	13,966.11	2,916.77	21,678.74		251,930.26
GRAND TOTALS incl. Red Cross		10,908,049.34	2,518,245.41	447,924.36	775,191.89	233,346.10	14,882,757.10

PUBLIC HOSPITALS (Cont'd)

TABLE No. V.—Showing the basis on which the statutory aid is granted.

Name of Hospital	Location	Days at 60c.	Days at 10c.	Infants born, days at 30c.	Amount	Grant for indigents from unorganized territory	Adjustments DEBIT	Total Government grant
GROUP 1 Capacity, 1 to 25 Beds					$ c.	$ c.	$ c.	$ c.
Bowmanville	Bowmanville	1,080		276	730.80		4.20	726.60
Municipal*	Cobalt	320	175	8	211.90			211.90
Haldimand War Memorial	Dunnville	542		85	350.70		1.20	349.50
Red Cross Memorial	Durham	653	639	75	478.20			478.20
Hanover Memorial	Hanover	1,028	365	210	716.30		8.40	707.90
Notre Dame	Hawkesbury	3,110		97	1,895.10		9.00	1,886.10
Rosedale War Memorial	Matheson	906		163	592.50	1,043.35	27.65	1,608.20
Louise Marshall	Mount Forest	545	43	171	382.60			382.60
Niagara Cottage	Niagara-on-Lake	1,078	1	112	680.50		2.70	677.80
Palmerston General	Palmerston	528	430	28	368.20			368.20
General	Penetanguishene	1,211		273	808.50		4.50	804.00
Sioux Lookout General	Sioux Lookout	500		30	309.00	424.40	100.00	633.40
Wingham General	Wingham	361			216.60		3.60	213.00
TOTALS		11,862	1,653	1,528	7,740.90	1,467.75	161.25	9,047.40
GROUP 2 Capacity, 26 to 50 Beds								
Stevenson Memorial	Alliston	1,172	513	74	776.70			776.70
Rosamond Memorial	Almonte	2,390	121	479	1,589.80			1,589.80
St. Joseph's	Blind River	2,051	194	128	1,288.40	1,277.50	66.00	2,499.90
Lady Minto	Chapleau	2,094	333	136	1,330.50	3,666.80		4,997.30
Clinton Public	Clinton	688	14	105	445.70		4.50	441.20
Groves Memorial	Fergus	1,004	646	31	676.30		4.20	672.10
Douglas Memorial	Fort Erie	659	286	20	430.00			430.00
LaVerendrye	Fort Frances	1,798		184	1,134.00	770.80		1,904.80
Alexandra Marine and Gen.	Goderich	2,469	817	321	1,659.40		33.00	1,626.40
Misericordia	Haileybury	2,089	284	53	1,297.70	2,309.90		3,607.60
Alexandra	Ingersoll	1,841	128	182	1,172.00		11.40	1,160.60
Anson General	Iroquois Falls	1,793	296	162	1,154.00	2,032.25	6.60	3,179.65
Kincardine General	Kincardine	958	1,148	87	715.70			715.70
Memorial	Listowel	775	147	97	508.80		60.60	448.20
General	Mattawa	3,325	1,269	151	2,167.20	5,813.40	61.50	7,919.10
St. Andrew's	Midland	3,863	1,895	546	2,671.10	228.30	3.60	2,895.80
York County	Newmarket	2,191	548	172	1,421.00		16.20	1,404.80
Queen Victoria Memorial	North Bay	1,733	12	103	1,071.90	354.80		1,426.70
Lord Dufferin	Orangeville	2,266	152	159	1,422.50		18.90	1,403.60
Willett	Paris	2,070	1,151	184	1,412.30		33.00	1,379.30
Parry Sound General	Parry Sound	4,648	579	490	2,993.70	1,157.10	3.00	4,147.80
Charlotte E. Englehart	Petrolia	1,264	3	24	765.90			765.90
Scott Memorial	Seaforth	1,003		68	622.20			622.20
St. Francis General	Smith's Falls	1,647	2,521	62	1,258.90		1.80	1,257.10
Porcupine General	South Porcupine	540			324.00	1.40		325.40
Strathroy General	Strathroy	2,826	704	158	1,813.40		10.20	1,803.20
St. Jean de Brebeuf	Sturgeon Falls	7,775		342	4,767.60	2,149.75	16.20	6,901.15
Soldiers' Memorial	Tillsonburg	2,321	940	97	1,515.70		11.40	1,504.30
Lockwood Clinic	Toronto	88			52.80			52.80
Mothercraft	Toronto	1,912	22		1,149.40			1,149.40
County of Bruce General	Walkerton	2,992	45	224	1,866.90		21.60	1,845.30
TOTALS		64,245	14,768	4,839	41,475.50	19,762.00	383.70	60,853.80
GROUP 3 Capacity, 51 to 100 Beds								
Royal Victoria	Barrie	4,975	1,054	356	3,197.20			3,197.20
Peel Memorial	Brampton	1,360		122	852.60		4.80	847.80
St. Vincent de Paul	Brockville	4,688	1,285	119	2,977.00		57.50	2,919.50
Cobourg General	Cobourg	2,409	765	507	1,674.00		23.40	1,650.60
Lady Minto	Cochrane	5,657	1,111	585	3,680.80	7,645.00		11,325.80
General and Marine	Collingwood	6,353	1,313	494	4,091.30		59.10	4,032.20
Cornwall General	Cornwall	8,896	821	544	5,582.90		157.80	5,425.10
Galt General	Galt	3,262	22	149	2,004.10		73.80	1,930.30
St. Paul's	Hearst	9,474	154	809	5,942.50	12,418.15	161.45	18,199.20
Kenora General	Kenora	3,239	1,389	370	2,193.30	350.20	1.20	2,542.30
St. Joseph's	Kenora	2,377	1,686	330	1,693.80	1,738.50		3,432.30
The Ross Memorial	Lindsay	6,228	16	960	4,026.40		83.40	3,943.00
Orillia Soldiers' Memorial	Orillia	7,721	749	748	4,931.90		38.00	4,893.90
Protestant Children's	Ottawa	7,951	410		4,811.60		1.80	4,809.80
Salvation Army Grace	Ottawa	6,972		4,953	5,669.10		53.70	5,615.40
St. Joseph's General	Parry Sound	4,851	962	733	3,226.70	2,306.40	47.85	5,485.25
Pembroke Cottage	Pembroke	2,834	910	351	1,896.70	30.80	39.00	1,888.50
Great War Memorial	Perth	2,056	366	179	1,323.90		119.40	1,204.50
Nicholls	Peterborough	5,151	2,043	273	3,376.80		49.80	3,327.00

*Closed Feb. 1st, 1941.

PUBLIC HOSPITALS (Cont'd)

TABLE No. V.—Showing the basis on which the statutory aid is granted.

Name of Hospital	Location	Days at 60c.	Days at 10c.	Infants born, days at 30c.	Amount	Grant for indigents from unorganized territory	Adjustments DEBIT	Total Government grant
Group 3 (Cont'd)					$ c.	$ c.	$ c.	$ c.
Prince Edward County	Picton	3,113	....	443	2,000.70	....	42.60	1,958.10
The Port Hope	Port Hope	2,830	1,029	379	1,914.60	....	13.20	1,901.40
Victoria	Renfrew	4,803	799	467	3,101.80	56.00	6.30	3,151.50
Plummer Memorial	Sault Ste. Marie.	1,671	491	33	1,061.60	532.00	27.60	1,566.00
Norfolk General	Simcoe	6,433	137	591	4,050.80	....	....	4,050.80
Smith's Falls Public	Smith's Falls	3,963	2,437	485	2,767.00	....	12.60	2,754.40
Salvation Army Grace	Toronto	1,635	....	1,290	1,368.00	....	9.60	1,358.40
Welland County General	Welland	1,857	325	39	1,158.40	....	32.40	1,126.00
Woodstock General	Woodstock	5,311	2,134	320	3,496.00	....	8.40	3,487.60
TOTALS	....	128,070	22,408	16,629	84,071.50	25,077.05	1,124.70	108,023.85
GROUP 4 Capacity 101 to 200 Beds								
Belleville General	Belleville	17,346	1,528	1,104	10,891.60	....	530.40	10,361.20
Brockville General	Brockville	6,920	1,349	373	4,398.80	....	....	4,398.80
Public General	Chatham	4,859	385	849	3,208.60	....	91.80	3,116.80
St. Joseph's	Chatham	5,056	54	499	3,188.70	....	129.10	3,059.60
Hotel Dieu	Cornwall	22,658	837	2,034	14,288.70	....	27.00	14,261.70
McKellar General	Fort William	21,913	8,574	926	14,283.00	5,443.05	252.95	*21,081.75
Guelph General	Guelph	5,979	1,280	461	3,853.70	....	62.10	3,791.60
St. Joseph's	Guelph	7,513	1,207	352	4,734.10	....	12.00	4,722.10
St. Joseph's	Hamilton	8,221	357	188	5,024.70	....	15.00	5,009.70
Hotel Dieu	Kingston	17,059	539	1,639	10,781.00	....	38.40	10,742.60
Kitchener-Waterloo	Kitchener	3,739	188	148	2,306.60	....	....	*2,698.85
St. Mary's	Kitchener	4,690	1,270	106	2,972.80	....	21.00	2,951.80
Niagara Falls General	Niagara Falls	3,089	562	67	1,929.70	....	3.00	1,926.70
St. Joseph's General	North Bay	7,425	1,017	559	4,724.40	1,700.90	106.40	6,318.90
Oshawa General	Oshawa	3,405	109	73	2,075.80	....	32.70	2,043.10
General and Marine	Owen Sound	3,977	265	94	2,440.90	....	70.80	2,370.10
General	Pembroke	6,476	1,228	742	4,231.00	386.10	2.10	4,615.00
St. Joseph's	Peterborough	7,454	140	1,284	4,871.60	4.20	6.00	4,869.80
General	Port Arthur	13,966	1,360	1,697	9,024.70	3,600.70	203.70	12,421.70
St. Joseph's General	Port Arthur	20,058	3,430	1,826	12,925.60	6,885.92	873.44	18,938.08
St. Catharines	St. Catharines	8,090	43	266	4,938.10	....	1.20	*6,123.15
Memorial	St. Thomas	4,827	....	167	2,946.30	....	95.10	2,851.20
Sarnia General	Sarnia	6,730	966	472	4,276.20	....	59.70	4,216.50
General	Sault Ste. Marie.	5,967	215	734	3,821.90	1,521.27	60.00	5,283.17
Stratford General	Stratford	5,685	614	506	3,624.20	....	21.60	3,602.60
St. Mary's	Timmins	3,981	865	77	2,498.20	1,455.60	23.40	3,930.40
Mount Sinai	Toronto	9,692	81	228	5,891.70	....	59.40	5,832.30
Toronto East General	Toronto	17,509	192	598	10,704.00	29.40	212.10	*11,013.05
Wellesley	Toronto	1,215	139	....	742.90	....	13.20	729.70
Women's College	Toronto	10,805	37	2,189	7,143.40	....	76.20	*8,467.20
Metropoliltan General	Windsor	5,535	2	65	3,340.70	30.80	185.40	*8,676.35
Salvation Army Grace	Windsor	5,866	839	346	3,707.30	....	46.50	3,660.80
TOTALS	....	277,705	29,672	20,669	175,790.90	21,057.94	3,331.69	204,086.30
GROUP 5 Capacity, 201 Beds and Over								
Brantford General	Brantford	19,091	208	2,804	12,316.60	....	680.40	*12,136.20
Hamilton General	Hamilton	78,097	5,752	4,854	48,889.60	....	648.30	*58,551.05
Kingston General	Kingston	28,235	2,338	1,820	17,720.80	381.90	603.60	*27,326.60
St. Joseph's	London	17,272	182	1,092	10,709.00	....	15.30	10,693.70
Victoria	London	63,618	5,689	1,694	39,247.90	46.20	489.20	*49,425.65
Ottawa Civic	Ottawa	78,279	3,960	4,670	48,764.40	9.80	120.00	*56,654.20
Ottawa General	Ottawa	55,804	760	1,949	34,143.10	203.00	55.20	*38,790.90
St. Joseph's	Sudbury	14,335	1,266	309	8,820.30	7,046.85	4.50	15,862.65
Hosp. for Sick Children	Toronto	94,262	10,140	....	57,571.20	5,832.55	1,040.10	*69,919.25
St.Joseph's	Toronto	39,556	463	1,716	24,294.70	....	384.60	23,910.10
St. Michael's	Toronto	92,241	2,116	4,998	57,055.60	862.70	866.90	*62,116.15
Toronto General	Toronto	167,769	5,171	7,956	103,565.30	5,364.20	291.20	*113,661.30
Toronto Western	Toronto	61,223	1,502	3,142	37,826.60	504.00	415.50	*42,136.60
Hotel Dieu	Windsor	4,899	....	42	2,952.00	....	154.20	2,797.80
TOTALS	....	814,681	39,547	37,046	503,877.10	20,251.20	5,769.00	583,982.15
GRAND TOTALS:								
Public General Hospitals		1,296,563	108,048	80,711	812,955.90	87,615.94	10,770.34	965,993.50
Red Cross Outposts		22,277	2,505	3,692	14,724.30	8,484.70	633.35	22,575.65
GRAND TOTALS incl.	Red Cross	1,318.840	110,553	84,403	827,680.20	96,100.64	11,403.69	988,569.15

*Includes grants from Province for special clinics and radiotherapy.

PUBLIC HOSPITALS (Cont'd)

TABLE No. VI.—Showing days upon which grant was paid for: (1) long-stay patients in hospitals one year or more and still in residence at December 31st, 1941; (2) indigents from unorganized territory, less amounts paid with regular monthly grants during year.

Name of Hospital	Location	Long-Stay Patients				Indigents from Unorganized Territory									
								Less							
		No. of patients	Days at 60c.	Days at 10c.	Amount	No. of patients	Days at $2.00	Days at 60c.	Days at 10c.	Amount	No. of infants	Days at $1.00	Less days at 30c.	Amount	Total for Indigents
GROUP 1															
Capacity, 1 to 25 Beds															
					$ c.					$ c.				$ c.	$ c.
Bowmanville	Bowmanville														
Municipal	Cobalt*														
Haldimand War Memorial	Dunnville														
Red Cross Memorial	Durham	2	120	620	134.00										
Hanover Memorial	Hanover	1		365	36.50										
Notre Dame	Hawkesbury														
Rosedale War Memorial	Matheson					52	678	669		954.60	13	126	124	88.80	1,043.35
Louise Marshall	Mount Forest														
Niagara Cottage	Niagara-on-the-Lake														
Palmerston General	Palmerston														
General	Penetanguishene														
Sioux Lookout General	Sioux Lookout					24	294	289		414.60	2	14	14	9.80	424.40
Wingham General	Wingham														
TOTALS		3	120	985	170.50	76	972	958		1,369.20	15	140	138	98.60	1,467.75
GROUP 2															
Capacity, 26 to 50 Beds															
Stevenson Memorial	Alliston	1	120	358	107.80										
Rosamond Memorial	Almonte														
St. Joseph's	Blind River					47	880	860	15	1,242.50	5	50	50	35.00	1,277.50
Lady Minto	Chapleau					85	2,350	1,817	333	3,576.50	16	129	129	90.30	3,666.80
Clinton Public	Cilnton														
Groves Memorial	Fergus	1		365	36.50										
Douglas Memorial	Fort Erie	1	120	286	100.60										
La Verendrye	Fort Frances					24	545	532		770.80					770.80
Alexandra Marine and General	Goderich	1	120	482	120.20										
Misericordia	Haileybury					57	1,456	1,040	33	2,284.70	4	36	36	25.20	2,309.90
Alexandra	Ingersoll														
Anson General	Iroquois Falls					53	1,272	943	296	1,948.60	11	120	121	83.70	2,032.25
Kincardine General	Kincardine	2		730	73.00										
Memorial	Listowel														
General	Mattawa	2	120	743	146.30	21	2,959	163	68	5,813.40					5,813.40
St. Andrew's	Midland	4	120	1,554	227.40	12	136	131		193.40	5	47	40	35.00	228.30
York County	Newmarket	1	115	548	123.80										
Queen Victoria Memorial	North Bay					7	247	243	4	347.80	1	10	10	7.00	354.80
Lord Dufferin	Orangeville														
Willett	Paris	1		365	36.50										
Parry Sound General	Parry Sound	1	115	335	102.50	48	766	675	91	1,117.90	7	56	56	39.20	1,157.10
Charlotte Eleanor Englehart	Petrolia														
Scott Memorial	Seaforth														
St. Francis General	Smith's Falls	5	115	1,945	263.50										

*Closed Feb. 1, 1941.

Porcupine General	South Porcupine					1	1	1		1.40					1.40
Strathroy General	Strathroy														
St. Jean de Brebeuf	Sturgeon Falls					49	1,382	1,079		2,116.60	4	47	46	33.20	2,149.75
Soldiers' Memorial	Tillsonburg	2	120	797	151.70										
Lockwood Clinic	Toronto														
Mothercraft	Toronto														
County of Bruce General	Walkerton														
TOTALS		22	1,065	8,508	1,489.80	404	11,994	7,484	840	19,413.60	53	495	488	348.60	19,762.00
GROUP 3															
Capacity, 51 to 100 Beds															
Royal Victoria	Barrie	2	120	703	142.30										
Peel Memorial	Brampton														
St. Vincent de Paul	Brockville	2	120	715	143.50										
Cobourg General	Cobourg	1	115	551	124.10										
Lady Minto	Cochrane	3	240	1,076	251.60	158	4,769	3,554	35	7,402.10	34	347	347	242.90	7,645.00
General and Marine	Collingwood	1		365	36.50										
Cornwall General	Cornwall	2	240	699	213.90										
Galt General	Galt														
St. Paul's	Hearst					560	8,421	8,184	134	11,918.20	72	710	700	500.00	12,418.15
Kenora General	Kenora	2		730	73.00	14	237	232		334.80	2	22	22	15.40	350.20
St. Joseph's	Kenora	3		1,095	109.50	15	938	216	119	1,734.50	1	4		4.00	1,738.50
The Ross Memorial	Lindsay														
Orillia Soldiers' Memorial	Orillia	1	120	459	117.90										
Protestant Children's	Ottawa														
Salvation Army Grace	Ottawa														
St. Joseph's General	Parry Sound	1		365	36.50	41	1,400	862	123	2,270.50	4	47	37	35.90	2,306.40
Pembroke Cottage	Pembroke	2		730	73.00	2	22	22		30.80					30.80
Great War Memorial	Perth	1	120	249	96.90										
Nicholl's	Peterborough	3	350	1,531	363.10										
Prince Edward County	Picton														
The Port Hope	Port Hope	1	120	312	103.20										
Victoria	Renfrew	2	235	507	191.70	3	40	40		56.00					56.00
Plummer Memorial	Sault Ste. Marie	1	120	371	109.10	12	380	380		532.00					532.00
Norfolk General	Simcoe														
Smith's Falls Public	Smith's Falls	5	115	1,720	241.00										
Salvation Army Grace	Toronto														
Welland County General	Welland														
Woodstock General	Woodstock	3	235	1,078	248.80										
TOTALS		36	2,250	13,256	2,675.60	805	16,207	13,490	411	24,278.90	113	1,130	1,106	798.20	25,077.05
GROUP 4															
Capacity, 101 to 200 Beds															
Belleville General	Belleville	2	240	606	204.60										
Brockville General	Brockville	2	120	717	143.70										
Public General	Chatham														
St. Joseph's	Chatham														
Hotel Dieu	Cornwall	1		365	36.50										
McKellar General	Fort William	14	595	5,218	878.80	107	3,174	1,554	213	5,394.30	5	70	71	48.70	5,443.05
Guelph General	Guelph	2	235	965	237.50										
St. Joseph's	Guelph														
St. Joseph's	Hamilton														
Hotel Dieu	Kingston	1	115	450	114.00										
Kitchener-Waterloo	Kitchener														
St. Mary's	Kitchener	2		730	73.00										
Niagara Falls General	Niagara Falls														
St. Joseph's General	North Bay	2		730	73.00	46	1,144	1,074	60	1,637.60	8	90	89	63.30	1,700.90
Oshawa General	Oshawa														

PUBLIC HOSPITALS (Cont'd)

TABLE No. VI.—Showing days upon which grant was paid for: (1) long-stay patients in hospitals one year or more and still in residence at December 31st, 1941; (2) indigents from unorganized territory, less amounts paid with regular monthly grants during year.

Name of Hospital	Location	Long-Stay Patients				Indigents from Unorganized Territory									
								Less							
		No. of patients	Days at 60c.	Days at 10c.	Amount	No. of patients	Days at $2.00	Days at 60c.	Days at 10c.	Amount	No. of infants	Days at $1.00	Less days at 30c.	Amounts	Total for Indigents
Group 4 (Cont'd)										$ c.				$ c.	$ c.
General and Marine	Owen Sound														
General	Pembroke	2		730	73.00	4	244	155	89	386.10					386.10
St. Joseph's	Peterborough					1	3	3		4.20					4.20
General	Port Arthur	1		365	36.50	84	2,351	1,897	341	3,529.70	10	101	100	71.00	3,600.70
St. Joseph's General	Port Arthur	5	360	2,304	446.40	160	4,423	3,373	574	6,764.80	19	173	173	121.10	6,885.92
St. Catharines General	St. Catharines														
Memorial	St. Thomas														
Sarnia General	Sarnia														
General	Sault Ste. Marie					33	1,018	857	170	1,504.80	2	24	25	16.50	1,521.27
Stratford General	Stratford														
St. Mary's	Timmins	2		730	73.00	59	1,019	1,008		1,433.20	4	32	32	22.40	1,455.60
Mount Sinai	Toronto														
Toronto East General	Toronto					1	14	14		19.60	1	14	14	9.80	29.40
Wellesley	Toronto														
Women's College	Toronto														
Metropolitan General	Windsor					1	22	22		30.80					30.80
Salvation Army Grace	Windsor														
Totals		36	1,665	13,910	2,390.00	496	13,412	9,957	1,447	20,705.10	49	504	504	352.80	21,057.94
GROUP 5															
Capacity, 201 Beds and Over															
Brantford General	Brantford														
Hamilton General	Hamilton	8	720	2,778	709.80										
Kingston General	Kingston	3	240	1,058	249.80	1	201		201	381.90					381.90
St. Joseph's	London														
Victoria	London	9	600	3,295	689.50	2	33	33		46.20					46.20
Ottawa Civic	Ottawa	1		365	36.50	1	7	7		9.80					9.80
Ottawa General	Ottawa					7	145	145		203.00					203.00
St. Joseph's	Sudbury	2	115	711	140.10	218	4,857	4,529	309	6,965.70	12	116	116	81.20	7,046.85
Hospital for Sick Children	Toronto	12	950	3,927	962.70	40	3,512	1,755	1,384	5,832.60					5,832.55
St. Joseph's	Toronto														
St. Michael's	Toronto	1	120	462	118.20	29	596	559	37	852.90	1	14	14	9.80	862.70
Toronto General	Toronto	2	†485	265	317.50	108	3,799	3,761	31	5,338.30	2	37	37	25.90	5,364.20
Toronto Western	Toronto	1	120	366	108.60	17	360	360		504.00					504.00
Hotel Dieu	Windsor														
Totals		39	3,350	13,227	3,332.70	423	13,510	11,149	1,962	20,134.40	15	167	167	116.90	20,251.20
GRAND TOTALS:															
Public General Hospitals		136	8,450	49,886	10,058.60	2,204	56,095	43,038	4,660	85,901.20	245	2,436	2,403	1,715.10	87,615.94
Red Cross Outposts		4	355	1,228	335.80	349	5,614	5,292	195	8,033.30	61	627	585	451.50	8,484.70
GRAND TOTALS including Red	Cross Outposts	140	8,805	51,114	10,394.40	2,553	61,709	48,330	4,855	93,934.50	306	3,063	2,988	2,166.60	96,100.64

†Includes Post Polio patient.

RED CROSS OUTPOST HOSPITALS

TABLE No. I.—Showing the bed capacity, both adult and nursery, together with the movement of patients in each hospital separately.

Name of Hospital	Location	Bed Capacity Adults and children	Bed Capacity Nursery	Patients in residence, Jan. 1st, 1940	Patients admitted during year	Live births during year	Total patients treated during year	Patients discharged during year	Deaths during year	Still-births during year	Patients in residence, Dec. 31st, 1941
Red Cross Outpost	Apsley	6	2	2	39	11	52	49	2	1	1
Red Cross Outpost*	Armstrong	5	1	3	30	3	36	34	2		
Red Cross Outpost	Atikokan	3	1		14	1	15	15			
Red Cross Outpost	Bancroft	9	3	1	256	63	320	307	12	4	1
Red Cross Outpost	Bracebridge	31	3	24	775	86	885	817	52	7	16
Red Cross Outpost	Coe Hill	7	1	2	38	13	53	50	3	1	
Red Cross Outpost	Dryden	31	5	19	619	109	747	699	30	4	18
Red Cross Outpost	Emo	9	3	5	268	49	322	306	9	2	7
Red Cross Outpost	Englehart	12	3	3	306	56	365	345	11	3	9
Red Cross Outpost	Espanola	15	3	9	342	37	388	359	15	3	14
Red Cross Outpost	Haliburton	10	5		185	30	215	209	5	2	1
Red Cross Outpost	Hawk Junction	9	2	1	28	3	32	29			3
Red Cross Outpost	Hornepayne	8	2		71	20	91	82	3	1	6
Red Cross Outpost	Jellicoe	7	1	3	130	22	155	149	1	1	5
Red Cross Outpost	Kakabeka Falls	5	1		25	18	43	43			
Kirkland District Hosp.	Kirkland Lake	103	40	73	2,995	501	3,569	3,394	90	17	85
Red Cross Outpost	Lion's Head	8	2	2	34	23	59	58	1	1	
Red Cross Outpost	Mindemoya	16	4	7	300	57	364	339	15	1	10
Red Cross Outpost	Nakina	8	1	1	47	6	54	51	2		1
Lady Minto Hospital	New Liskeard	24	5	18	369	81	468	443	15	1	10
Red Cross Outpost	Port Loring	4	3	2	81	23	106	104	1		1
Red Cross Outpost	Quibell	3	1		11	4	15	15		1	
Red Cross Outpost	Rainy River	10	6	6	238	61	305	281	16	4	8
Red Cross Outpost	Redditt	4	1		9	5	14	14			
Red Cross Outpost	Richard's Ldg.	9	3	4	180	17	201	190	8		3
Red Cross Outpost	Thessalon	11	3	5	189	31	225	210	9	1	6
Red Cross Outpost	Whitney	4	1		29	16	45	45			
Red Cross Outpost	Wilberforce	3	1		4	3	7	7			
Red Cross Car		4	1		89	11	100	99			1
TOTALS:		378	108	190	7,701	1,360	9,251	8,743	302	55	206

*Discontinued Sept. 30th, 1941.

TABLE No. II.—Showing the collective stay in days of the patients admitted and infants born in the hospital, also the number of professional and other staff in each.

Name of Hospital	Location	Total patients treated during year	Total patient days, adults and children, for year	Total days, infants born, for year	Total patient days, all patients, for year	Average number patients in hospital daily	Number of graduate and professional staff	Number other employees, including nurses-in-training	Percentage of beds occupied during year
Red Cross Outpost	Apsley	52	329	104	433	1	1	2	% 14.8
Red Cross Outpost	Armstrong	36	214	26	240		1	1	11.0
Red Cross Outpost	Atikokan	15	42	9	51		1	1	3.5
Red Cross Outpost	Bancroft	320	1,564	666	2,230	6	3	2	50.9
Red Cross Outpost	Bracebridge	885	6,772	802	7,574	21	8	9	61.0
Red Cross Outpost	Coe Hill	53	169	126	295		1	2	8.9
Red Cross Outpost	Dryden	747	6,366	1,059	7,425	20	6	5	56.5
Red Cross Outpost	Emo	322	2,099	437	2,536	7	4	3	57.8
Red Cross Outpost	Englehart	365	2,486	538	3,024	8	3	2	55.2
Red Cross Outpost	Espanola	388	4,614	399	5,013	14	2	4	76.3
Red Cross Outpost	Haliburton	217	1,040	270	1,310	4	2	3	23.9
Red Cross Outpost	Hawk Junction	32	456	21	477	1	1	1	11.9
Red Cross Outpost	Hornepayne	91	732	195	927	3	1	1	25.4
Red Cross Outpost	Jellicoe	155	1,168	235	1,403	4	2	2	48.0
Red Cross Outpost	Kakabeka Falls	43	188	142	330	1	1	1	15.0
Kirkland District Hospital	Kirkland Lake	3,569	26,040	5,265	31,305	86	37	43	59.9
Red Cross Outpost	Lion's Head	59	248	203	451	1	1	1	12.3
Red Cross Outpost	Mindemoya	364	2,664	561	3,225	9	3	3	44.1
Red Cross Outpost	Nakina	54	395	43	438	1	1	2	13.3
Lady Minto Hospital	New Liskeard	468	4,330	1,016	5,346	15	4	4	50.5
Red Cross Outpost	Port Loring	106	527	227	754	2	1	1	29.5
Red Cross Outpost	Quibell	15	63	35	98		1	1	6.7
Red Cross Outpost	Rainy River	305	2,095	567	2,662	7	3	3	45.6
Red Cross Outpost	Redditt	14	59	41	100		1	1	4.5
Red Cross Outpost	Richard's Landing	201	1,377	205	1,582	4	2	2	36.1
Red Cross Outpost	Thessalon	225	1,635	395	2,030	6	2	3	39.7
Red Cross Outpost	Whitney	45	258	169	427	1	1	1	23.4
Red Cross Outpost	Wilberforce	7	28	25	53		1	1	3.6
Red Cross Car		100	314	98	412	1	1	1	22.5
TOTALS:		9,253	68,272	13,879	82,151	225	96	106	46.3

RED CROSS OUTPOST HOSPITALS (Cont'd)

TABLE No. III. Showing the cost of operating the hospitals, and the average daily cost of each patient.

Name of Hospital	Location	Total patient days, all patients, for year	Percentage of service devoted to hospital	Cost of dietary supplies	Other operating costs	Total operating cost	Average daily per capita cost*
			%	$ c.	$ c.	$ c.	$ c.
Red Cross Outpost	Bancroft	2,230	100	1,111.66	6,201.88	7,313.54	3.27
Red Cross Outpost	Bracebridge	7,574	100	5,261.29	21,489.62	26,750.91	3.53
Red Cross Outpost	Dryden	7,425	100	3,807.08	15,278.25	19,085.33	2.57
Red Cross Outpost	Emo	2,536	100	1,552.98	7,843.79	9,396.77	3.70
Red Cross Outpost	Englehart	3,024	100	1,593.53	7,849.88	9,443.41	3.12
Red Cross Outpost	Espanola	5,013	100	2,705.22	13,832.47	16,537.69	3.29
Red Cross Outpost	Jellicoe	1,403	100	964.90	5,400.38	6,365.28	4.53
Kirkland District Hospital	Kirkland Lake	31,305	100	22,653.30	104,077.43	126,730.73	4,04
Red Cross Outpost	Mindemoya	3,225	100	1,692.72	9,181.51	10,874.23	3.37
Lady Minto Hospital	New Liskeard	5,346	100	3,802.32	12,931.46	16,733.78	3.13
Red Cross Outpost	Rainy River	2,662	100	1,565.01	5,796.42	7,361.43	2.76
Red Cross Outpost	Richard's Landing	1,582	100	1,231.66	5,232.26	6,463.92	4.08
Red Cross Outpost	Thessalon	2,030	100	848.75	6,400.28	7,249.03	3.57
TOTALS:		75,355	100	48,790.42	221,515.63	270,306.05	3.58
The following Outposts maintain Public Health and Visiting Services throught the District. The total costs shown include these services.							
Red Cross Outpost	Apsley	433	58	502.28	3,070.67	3,572.95	4.78
Red Cross Outpost	Armstrong	240	65	418.15	1,959.75	2,377.90	6.44
Red Cross Outpost	Atikokan	51	11	506.94	2,671.72	3,178.66	6.85
Red Cross Outpost	Coe Hill	295	36	457.08	2,830.88	3,287.96	4.01
Red Cross Outpost	Haliburton	1,310	73	1,053.99	5,250.46	6,304.45	3.51
Red Cross Outpost	Hawk Junction	477	77	821.97	3,379.77	4,201.74	6.78
Red Cross Outpost	Hornepayne	927	76	590.96	2,766.40	3.357,36	2.75
Red Cross Outpost	Kakabeka Falls	330	31	654.03	2,804.61	3,458.64	3.24
Red Cross Outpost	Lion's Head	451	48	661.58	3,967.64	4,629.22	4.92
Red Cross Outpost	Nakina	438	57	649.59	3,213.07	3,862.66	5.02
Red Cross Outpost	Port Loring	754	62	588.45	2,865.82	3,454.27	2.84
Red Cross Outpost	Quibell	98	20	487.43	2,451.82	2,939.25	5.99
Red Cross Outpost	Redditt	100	11	416.70	2,194.49	2,611.19	2.87
Red Cross Outpost	Whitney	427	47	545.47	2,673.69	3,219.16	3.54
Red Cross Outpost	Wilberforce	53	13	227.50	2,247.71	2,475.21	6.07
Red Cross Car		412	50	613.62	2,893.10	3,506.72	4.25
TOTALS:		6,796	47	9,195.74	47,241.60	56,437.34	3.90
Grand Totals		82.151	88	57,986.16	268.757.23	326,743.39	3.50

*Hospital Service only.

TABLE No. IV.—Showing the sources of income of hospitals

Name of Hospital	Location	Income from patients for treatment	Income from municipalities for patients' treatment	Income from miscellaneous sources	Income from donations bequests and other gratuitous sources	Total income from all sources other than Government grants
		$ c.	$ c.	$ c.	$ c.	$ c.
Red Cross Outpost	Apsley	805.77	18.80	66.89	371.34	1,262.80
Red Cross Outpost	Armstrong	779.95	....	83.50	....	863.45
Red Cross Outpost	Atikokan	253.21	....	177.00	602.61	1,032.82
Red Cross Outpost	Bancroft	3,875.05	349.55	....	865.93	5,090.53
Red Cross Outpost	Bracebridge	21,484.95	2,060.11	226.25	818.58	24,589.89
Red Cross Outpost	Coe Hill	553.85	....	103.19	347.55	1,004.59
Red Cross Outpost	Dryden	11,346.50	780.50	....	1,941.87	14,068.87
Red Cross Outpost	Emo	4,596.45	156.95	....	854.05	5,607.45
Red Cross Outpost	Englehart	4,853.05	463.35	17.84	204.49	5,538.73
Red Cross Outpost	Espanola	12,232.03	124.00	79.48	301.38	12,736.89
Wed Cross Outpost	Haliburton	2,858.05	101.50	49.55	658.94	3,668.04
Red Cross Outpost	Hawk Junction	663.20	....	16.55	523.84	1,203.59
Red Cross Outpost	Hornepayne	1,792.95	3.50	21.10	112.90	1,930.45
Red Cross Outpost	Jellicoe	3,508.90	....	16.22	126.76	3,651.88
Red Cross Outpost	Kakabeka Falls	643.80	....	177.95	260.79	1,082.54
Kirkland District Hospital	Kirkland Lake	105,984.02	8,808.20	255.66	7,551.97	122,599.85
Red Cross Outpost	Lion's Head	920.70	....	219.80	626.32	1,766.82
Red Cross Outpost	Mindemoya	7,162.15	276.50	227.00	920.67	8,586.32
Red Cross Outpost	Nakina	1,037.55	....	6.00	580.52	1,624.07
Lady Minto Hospital	New Liskeard	11,998.98	397.60	4.19	1,194.93	13.595.70
Red Cross Outpost	Port Loring	1,326.38	....	128.44	258.03	1,712.85
Red Cross Outpost	Quibell	198.69	....	333.40	161.43	693.52
Red Cross Outpost	Rainy River	4,476.70	241.80	21.80	210.13	4,950.43
Red Cross Outpost	Redditt	236.35	....	100.76	....	337.11
Red Cross Outpost	Richard's Landing	4,192.22	....	37.87	840.08	5,070.17
Red Cross Outpost	Thessalon	3,971.45	183.75	209.03	722.44	5,086.67
Red Cross Outpost	Whitney	567.52	....	139.60	133.17	840.29
Red Cross Outpost	Wilberforce	220.60	....	118.70	146.97	486.27
Red Cross Car		827.62	....	79.00	341.05	1,247.67
TOTALS		213,368.64	13,966.11	2,916.77	21,678.74	251,930.26

RED CROSS OUTPOST HOSPITALS (Cont'd)

TABLE No. V.—Showing the basis on which the statutory aid is granted.

Name of Hospital	Location	Days at 60c.	Days at 10c.	Infants born, days at 30c.	Amount	Grant for indigents from unorganized territory	Adjustments Debit	Total Government grant
					$ c.	$ c.	$ c.	$ c.
Red Cross Outpost	Apsley	171	....	48	117.00	....	....	117.00
Red Cross Outpost	Armstrong	14	....	11	11.70	....	....	11.70
Red Cross Outpost	Atikokan	8	....	4	6.00	4.20	....	10.20
Red Cross Outpost	Bancroft	742	....	359	552.90	14.00	....	566.90
Red Cross Outpost	Bracebridge	2,678	46	258	1,688.80	....	74.40	1,614.40
Red Cross Outpost	Coe Hill	83	....	68	70.20	....	3.00	67.20
Red Cross Outpost	Dryden	2,561	1,271	553	1,829.60	1,864.45	18.60	3,675.45
Red Cross Outpost	Emo	815	....	77	512.10	541.30	36.60	1,016.80
Red Cross Outpost	Englehart	1,282	....	267	849.30	1,135.75	11.50	1,973.55
Red Cross Outpost	Espanola	1,471	36	144	929.40	949.40	....	1,878.80
Red Cross Outpost	Haliburton	360	....	109	248.70	....	5.70	243.00
Red Cross Outpost	Hawk Junction	69	....	....	41.40	86.10	233.55	Dr. 106.05
Red Cross Outpost	Hornepayne	145	....	5	88.50	166.60	....	255.10
Red Cross Outpost	Jellicoe	145	....	10	90.00	203.60	....	293.60
Red Cross Outpost	Kakabeka Falls	70	....	50	57.00	....	.90	56.10
Kirkland District Hosp.	Kirkland Lake	6,206	699	396	3,912.30	1,724.20	159.00	5,477.50
Red Cross Outpost	Lion's Head	106	....	89	90.30	....	....	90.30
Red Cross Outpost	Mindemoya	1,108	....	247	738.90	151.20	....	890.10
Red Cross Outpost	Nakina	72	....	....	43.20	71.40	....	114.60
Lady Minto Hospital	New Liskeard	1,224	453	200	839.70	606.30	2.40	1,443.60
Red Cross Outpost	Port Loring	229	....	104	168.60	130.40	41.50	257.50
Red Cross Outpost	Quibell	31	....	25	26.10	37.10	....	63.20
Red Cross Outpost	Rainy River	1,015	....	271	690.30	328.25	8.40	1,010.15
Red Cross Outpost	Redditt	20	....	14	16.20	....	....	16.20
Red Cross Outpost	Richard's Landing	498	....	74	321.00	....	....	321.00
Red Cross Outpost	Thessalon	911	....	138	588.00	182.00	37.80	732.20
Red Cross Outpost	Whitney	178	....	121	143.10	288.45	....	431.55
Red Cross Outpost	Wilberforce	11	....	10	9.60	....	....	9.60
Red Cross Car	....	54	....	40	44.40	....	....	44.40
TOTALS	....	22,277	2,505	3,692	14,724.30	8,484.70	633.35	22,575.65

TABLE No. VI.—Showing days upon which grant was paid for: (1) long-stay patients in hospitals one year or more and still in residence at December. 31st, 1941 (2) indigents from unorganized territory, less amounts paid with regular monthly grants during year.

Name of Hospital	Location	Long-stay Patients				Indigents from Unorganized Territory									
								Less					Less		
		No. of patients	Days at 60c.	Days at 10c.	Amount	No. of patients	Days at $2.00	Days at 60c.	Days at 10c.	Amount	No. of Infts	Days at $1.00	Days at 30c.	Amount	Total for Indigents
					$ c.					$ c.				$ c.	$ c.
Red Cross Outpost	Apsley	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Red Cross Outpost	Armstrong	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Red Cross Outpost	Atikokan	....	....	....	....	1	3	3	....	4.20	....	....	....	....	4.20
Red Cross Outpost	Bancroft	....	....	....	....	1	10	10	....	14.00	....	....	....	....	14.00
Red Cross Outpost	Bracebridge	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Red Cross Outpost	Coe Hill	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Red Cross Outpost	Dryden	2	120	659	137.90	92	1,203	1,138	50	1,718.20	21	206	199	146.30	1,864.45
Red Cross Outpost	Emo	....	....	....	....	22	363	358	....	511.20	3	43	43	30.10	541.30
Red Cross Outpost	Englehart	....	....	....	....	62	743	705	....	1,063.00	11	104	104	72.80	1,135.75
Red Cross Outpost	Espanola	....	....	....	....	33	659	622	31	941.70	1	11	11	7.70	949.40
Red Cross Outpost	Haliburton	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Red Cross Outpost	Hawk Junction	....	....	....	....	3	59	53	1	86.10	....	....	....	....	86.10
Red Cross Outpost	Hornepayne	....	....	....	....	1	119	119	....	166.60	....	....	....	....	166.60
Red Cross Outpost	Jellicoe	....	....	....	....	8	125	104	....	187.60	2	19	10	16.00	203.60
Red Cross Outpost	Kakabeka Falls	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Kirkland District Hospital	Kirkland Lake	1	115	307	99.70	74	1,157	1,070	54	1,666.60	6	72	48	57.60	1,724.20
Red Cross Outpost	Lion's Head	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Red Cross Outpost	Mindemoya	....	....	....	....	6	102	102	....	142.80	1	12	12	8.40	151.20
Red Cross Outpost	Nakina	....	....	....	....	2	51	51	....	71.40	....	....	....	....	71.40
Lady Minto Hosp.	New Liskeard	1	120	262	98.20	7	400	341	59	589.50	2	24	24	16.80	606.30
Red Cross Outpost	Port Loring	....	....	....	....	5	91	86	....	130.40	....	....	....	....	130.40
Red Cross Outpost	Quibell	....	....	....	....	3	19	19	....	26.60	2	15	15	10.50	37.10
Red Cross Outpost	Rainy River	....	....	....	....	12	226	227	....	315.80	2	18	18	12.60	328.25
Red Cross Outpost	Redditt	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Red Cross Outpost	Richard's Landing	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Red Cross Outpost	Thessalon	....	....	....	....	4	130	130	....	182.00	....	....	....	....	182.00
Red Cross Outpost	Whitney	....	....	....	....	13	154	154	....	215.60	10	103	101	72.70	288.45
Red Cross Outpost	Wilberforce	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Red Cross Car	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
TOTALS	....	4	355	1,228	335.80	349	5,614	5,292	195	8,033.30	61	627	585	451.50	8,484.70

CONVALESCENT HOSPITALS

TABLE No. I.—Showing the bed capacity, together with the movement of patients in each hospital separately.

Name of Hospital	Location	Bed capacity	Patients in residence, Jan. 1st, 1941	Patients admitted during year	Total patients treated during year	Patients discharged during year	Deaths during year	Patients in residence, Dec. 31st, 1941
Children's Convalescent Hospital*	Burlington	33	......	67	67	67	......	......
Blue Mountain Camp for Crippled Children*	Collingwood	47	......	170	170	170	......	......
St. John's Convalescent Hospital	Newtonbrook	64	54	617	671	612	3	56
Civitan Convalescent Camp*	Toronto	30	......	47	47	47	......	......
Hillcrest Convalescent Hospital	Toronto	43	23	327	350	319	1	30
Daughters of the Empire Hospital for Convalescent Children	Toronto	132	78	356	434	367	......	67
TOTALS		349	155	1,584	1,739	1,582	4	153

TABLE No. II.—Showing the collective stay in days of the patients admitted to the hospital; also the number of professional and other staff in each.

Name of Hospital	Location	Total patients treated during year	Total patients days for year	Average number of patients in hospital daily	Number of graduate staff	Number of other employees
Children's Convalescent Hospital*	Burlington	67	1,864	31	3	2
Blue Mountain Camp for Crippled Children*	Collingwood	170	3,641	40	2	9
St. John's Convalescent Hospital	Newtonbrook	671	21,526	59	12	30
Civitan Convalescent Camp*	Toronto	47	937	16	1	3
Hillcrest Convalescent Hospital	Toronto	350	10,838	29	7	7
Daughters of the Empire Hospital for Convalescent Children	Toronto	434	27,862	76	10	42
TOTALS	......	1,739	66,668	183	35	93

TABLE No. III.—Showing the cost of operating the hospitals, also the average daily cost of each patient.

Name of Hospital	Location	Total patient days all patients for year	Cost of dietary supplies	Other operating costs	Total operating costs excluding provision for bad debts, depreciation, interest and capital charges	Average daily per capita cost	Interest and capital charges
			$ c.	$ c.	$ c.	$ c.	$ c.
Children's Convalescent Hospital	Burlington	1,864	583.92	1,618.81	2,202.73	1.18	43.75
Blue Mountain Camp for Crippled Children	Collingwood	3,641	1,390.42	3,839.00	5,229.42	1.44	......
St. John's Convalescent Hospital	Newtonbrook	21,526	14,545.72	38,797.81	53,343.53	2.48	......
Civitan Convalescent Camp	Toronto	937	688.55	23.50	712.05	.76	......
Hillcrest Convalescent Hospital	Toronto	10,838	6,196.67	14,861.29	21,057.96	1.94	......
Daughters of the Empire Hospital for Convalescent Children	Toronto	27,862	12,571.04	51,334.81	63,905.85	2.29	......
TOTALS	......	66,668	35,976.32	110,475.22	146,451.54	2.20	43.75

*These camps operate in summer months only.

CONVALESCENT HOSPITALS (Cont'd)

TABLE No. IV.—Showing the sources of income of hospitals.

Name of Hospital	Location	Income from patients for treatment	Income from municipalities for patients' treatment	Income from investments, endowments, property, miscellaneous	Income from donations, bequests and other gratuitous sources	Total income from all sources other than Government grants
		$ c.	$ c.	$ c.	$ c.	$ c.
Children's Convalescent Hospital	Burlington			8.67	1,268.77	1,277.44
Blue Mountain Camp for Crippled Children	Collingwood		210.00	16.29	5,252.17	5,478.46
St. John's Convalescent Hospital	Newtonbrook	28,277.40	14,707.50	744.64	6,661.64	50,391.18
Civitan Convalescent Camp	Toronto		506.80			506.80
Hillcrest Convalescent Hospital	Toronto	9,931.68	8,655.00	1,052.23	600.00	20,238.91
Daughters of the Empire Hospital for Convalescent Children	Toronto	2,901.81	30,165.00	10,352.77	10,925.00	54,344.58
TOTALS		41,110.89	54,244.30	12,174.60	24,707.58	132,237.37

TABLE No. V.—Showing the basis on which the statutory aid is granted.

Name of Hospital	Location	Days at 40c.	Days at 10c.	AMOUNT	Grant for indigents from unorganized territory	Adjustments DEBIT	Total Government grant
				$ c.	$ c.	$ c.	$ c.
Children's Convalescent Hospital	Burlington	1,864		745.60			745.60
Blue Mountain Camp for Crippled Children	Collingwood	3,641		1,456.40			1,456.40
St. John's Convalescent Hospital	Newtonbrook	13,190	1	5,276.10	250.00	10.80	5,515.30
Civitan Convalescent Camp	Toronto	937		374.80			374.80
Hillcrest Convalescent Hospital	Toronto	7,034	26	2,816.20		7.20	2,809.00
Daughters of the Empire Hospital for Convalescent Children	Toronto	22,734	4,400	9,533.60	714.75		10,248.35
TOTALS		49,400	4,427	20,202.70	964.75	18.00	21,149.45

TABLE No. VI.—Showing days upon which grant was paid for indigents from unorganized territory, less amounts paid with regular monthly grants during year.

Name of Hospital	Location	Long-stay Patients				Indigents from Unorganized Territory				
								Less		
		No. of patients	Days at 40c.	Days at 10c.	Amount	No. of patients	Days at $1.65	Days at 40c.	Days at 10c.	Amount
					$ c.					$ c.
Children's Convalescent Hospital	Burlington									
Blue Mountain Camp for Crippled Children	Collingwood									
St. John's Convalescent Hospital	Newtonbrook					4	200	200		250.00
Civitan Convalescent Camp	Toronto									
Hillcrest Convalescent Hospital	Toronto									
Daughters of the Empire Hospital for Convalescent Children	Toronto					9	555	485	70	714.75
East Windsor Convalescent Hosp.	Windsor									
TOTALS						13	755	685	70	964.75

HOSPITALS FOR INCURABLES

TABLE No. I.—Showing the bed capacity, together with the movement of patients in each institution separately.

Name of Hospital	Location	Bed capacity	Patients in residence, Jan. 1st, 1941	Patients admitted during year	Total patients treated during year	Patients discharged during year	Deaths during year	Patients in residence, Dec. 31st, 1941
St. Peter's Infirmary	Hamilton	110	104	91	195	30	61	104
Parkwood Hospital for Incurables	London	143	142	52	194	20	31	143
Perley Home for Incurables	Ottawa	102	80	53	133	9	26	98
St. Vincent Hospital for Incurables	Ottawa	209	197	163	360	41	113	206
Home for Incurable Children	Toronto	40	39	7	46	8	1	37
Our Lady of Mercy Hospital for Incurables	Toronto	273	264	214	478	50	160	268
Toronto Hospital for Incurables	Toronto	386	385	174	559	43	130	386
East Windsor Hospital for Incurables	Windsor	83	47	165	212	55	59	98
TOTALS		1,346	1,258	919	2,177	256	581	1,340

TABLE No. II.—Showing the collective stay in days of the patients admitted to the hospital; also the number of professional and other staff in each.

Name of Hospital	Location	Total patients treated during year	Total patient days for year	Average number patients in hospital daily	Number graduate and professional staff	Number other employees, including nurses-in-training	Percentage of beds occupied during year
							%
St. Peter's Infirmary	Hamilton	195	38,501	105	7	43	95.9
Parkwood Hospital for Incurables	London	194	52,007	142	23	61	99.6
Perley Home for Incurables	Ottawa	133	30,774	84	8	40	82.6
St. Vincent Hospital for Incurables	Ottawa	360	73,992	203	10	115	96.9
Home for Incurable Children	Toronto	46	13,098	36	3	24	89.7
Our Lady of Mercy Hospital for Incurables	Toronto	478	96,992	265	47	66	97.3
Toronto Hospital for Incurables	Toronto	559	140,392	384	69	155	99.6
East Windsor Hospital for Incurables	Windsor	212	29,056	44	5	25	95.9
TOTALS		2,177	474,812	1,265	172	529	96.6

TABLE No. III.—Showing the cost of operating the hospitals, also the average daily cost of each patient.

Name of Hospital	Location	Total patient days, all patients for year	Cost of dietary supplies	Other operating costs	Total operating cost excluding provision for bad debts, depreciation, interest and capital charges	Average daily per capita cost	Interest and capital charges
			$ c.	$ c.	$ c.	$ c.	$ c.
St. Peter's Infirmary	Hamilton	38,501	14,290.05	42,188.50	56,478.55	1.47	600.00
Parkwood Hospiral for Incurables	London	52,007	19,012.13	59,847.77	78,859.90	1.51	....
Perley Home for Incurables	Ottawa	30,774	10,710.85	45,966.02	56,676.87	1.84	584.13
St. Vincent Hospital for Incurables	Ottawa	73,992	27,157.11	82,347.78	109,504.89	1.48	....
Home for Incurable Children	Toronto	13,098	5,766.24	21,982.40	27,748.64	2.12	....
Our Lady of Mercy Hospital	Toronto	96,992	34,502.46	108,681.87	143,184.33	1.48	14,180.95
Toronto Hospital for Incurables	Toronto	140,392	68,548.96	201,647.45	270,196.41	1.92	....
East Windsor Hospital for Incurables	Windsor	29,056	11,782.73	37,904.89	49,687.62	1.71	65.46
TOTALS		474,812	191,770.53	600,566.68	792,337.21	1.67	- 15,430.54

TABLE No. IV.—Showing the sources of income of hospitals.

Name of Hospital	Location	Income from patients for treatment	Income from municipalities for patients' treatment	Income from investments, endowments, property, miscellaneous	Income from donations, bequests and other gratuitous sources	Total income from all sources other than Government grants
		$ c.	$ c.	$ c.	$ c.	$ c.
St. Peter's Infirmary	Hamilton	38,777.35	28,083.10	684.82	119.96	67,665.23
Parkwood Hospital for Incurables	London	34,666.09	42,151.06	5,682.11	300.57	82,799.83
Perley Home for Incurables	Ottawa	21,227.86	26,619.98	762.47	4,878.37	53,488.68
St. Vincent Hospital for Incurables	Ottawa	26,786.43	82,263.12	....	367.01	109,416.56
Home for Incurable Children	Toronto	1,176.85	4,718.62	6,539.53	18,664.45	31,099.45
Our Lady of Mercy Hospital	Toronto	18,495.45	128,823.00	1,518.95	5,580.00	154,417.40
Toronto Hospital for Incurables	Toronto	35,933.86	180,589.50	259.02	695.21	217,477.59
East Windsor Hospital for Incurables	Windsor	8,172 55	33,221.82	105.70	....	41,500.07
TOTALS		185,236.44	526,470.20	15,552.60	30,605.57	757,864.81

HOSPITALS FOR INCURABLES (Cont'd)

TABLE No. V.—Showing the basis on which statutory aid is granted.

Name of Hospital	Location	Days at 40c.	Amount	Grant for indigents from unorganized territory	Adjustments DEBIT	Total Government grant
			$ c.	$ c.	$ c.	$ c.
St. Peter's Infirmary	Hamilton	28,957	11,582.80	1,038.40	....	12,621.20
Parkwood Hospital for Incurables	London	50,862	20,344.80	....	....	20,344.80
Perley Home for Incurables	Ottawa	26,026	10,410.40	1,240.00	....	11,650.40
St. Vincent Hospital for Incurables	Ottawa	71,626	28,650.40	2,072.20	36.80	30,685.80
Home for Incurable Children	Toronto	13,084	5,233.60	182.50	....	5,416.10
Our Lady of Mercy Hospital for Incurables	Toronto	92,253	36,901.20	2,545.60	....	39,446.80
Toronto Hospital for Incurables	Toronto	130,093	52,037.20	3,368.00	32.40	55,372.80
East Windsor Hospital for Incurables	Windsor	27,802	11,120.80	....	2.80	11,118.00
TOTALS	....	440,703	176,281.20	10,446.70	72.00	186,655.90

TABLE No. VI.—Showing day upon which grant was paid for indigents from unorganized territory, less amounts paid with regular monthly grants during year.

Name of Hospital	Location	Number of patients	Days at $2.00	Less days at 40c.	Amount
					$ c.
St. Peter's Infirmary	Hamilton	3	649	649	1,038.40
Parkwood Hospital for Incurables	London	....	....	....	....
Perley Home for Incurables	Ottawa	3	775	775	1,240.00
St. Vincent Hospital for Incurables	Ottawa	10	1,295	1,295	2,072.20
Home for Incurable Children	Toronto	1	†365	....	182.50
Our Lady of Mercy Hospital for Incurables	Toronto	7	1,591	1,591	2,545.60
Toronto Hospital for Incurables	Toronto	10	2,105	2,105	3,368.00
East Windsor Hospital for Incurables	Windsor	....	....	....	....
TOTALS	....	34	6,780	6,415	10,446.70

†A rate of 50c. a day has been arranged.

SUMMARIZED STATEMENT OF PROVINCIAL GRANT

For the Year Ended December 31st, 1941

	Public Hospitals	Red Cross Outposts	Hospitals for Incurables	Convalescent Hospitals	TOTALS
Statutory Per Diem Grants					
Days at 60c.	1,296,563	22,277	....	....	1,318,840
Days at 10c.	108,048	2,505	....	....	110,553
Days at 30c. (Infant)	80,711	3,692	....	....	84,403
Days at 40c.	....	....	440,703	49,400	490,103
AMOUNT	$812,955.90	14,724.30	176,281.20	20,202.70	1,024,164.10
Indigents from Unorganized Territory					
Number of Patients	2,204	349	34	13	2,600
Days at $2.00	56,095	5,614	6,780	....	68,489
Days at $1.65	....	....	....	755	755
Number of infants Born	245	61	....	....	306
Days at $1.00	2,436	627	....	....	3,063
TOTAL INDIGENT GRANT*	$ 87,615.94	$8,484.70	$10,446.70	$964.75	107,512.09
TOTAL GRANT EARNED FOR YEAR	$900,571.84	$23,209.00	$186,727.90	$21,167.45	$1,131,676.19
Deduction for Audit Adjustments, etc.	10,770.34	633.35	72.00	18.00	11,493.69
Total Net Grant	$889,801.50	$22,575.65	$186,655.90	$21,149.45	$1,120,182.50

*NOTE:—Small differences are due to odd amounts paid on account by patients.

SANATORIA FOR CONSUMPTIVES

TABLE No. I.—Showing the bed capacity, together with the movement of patients in each institution separately.

Name of Sanatorium	Location	Bed Complement		Patients in residence, Jan. 1st, 1941	*Patients admitted during year	Live births during year	Total patients treated during year	†Patients discharged during year	Deaths during year	Patients in residence, Dec. 31st, 1941
		Adults' beds	Children's cots							
Brant Sanatorium	Brantford	109	......	79	175	......	254	134	25	95
St. Lawrence Sanatorium	Cornwall	112	......	108	74	......	182	64	14	104
Fort William Sanatorium	Fort William	194	......	181	186	......	367	133	44	190
Muskoka Hosp. for Consumptives	Gravenhurst	440	......	426	292	......	718	248	61	409
St. Mary's-on-the-Lake Sanatorium	Haileybury	106	......	90	109	1	200	74	33	93
Mountain Sanatorium	Hamilton	708	22	706	716	5	1,427	630	115	682
Kingston Sanatorium	Kingston	47	......	44	53	......	97	43	8	46
Freeport Sanatorium	Kitchener	140	8	148	144	......	292	134	16	142
Queen Alexandra Sanatorium	London	577	34	553	459	......	1,012	383	81	548
Royal Ottawa Sanatorium	Ottawa	177	35	195	210	......	405	171	37	197
Niagara Peninsula Sanatorium	St. Catharines	88	......	83	131	......	214	112	13	89
Toronto Hosp. for Consumptives and Queen Mary H. for Con. Children	Weston	602	58	604	558	4	1,166	432	129	605
Essex County Sanatorium	Windsor	175	15	166	166	......	332	134	26	172
TOTALS	....	3,475	172	3,383	3,273	10	6,666	2,692	602	3,372

*Does not include patients returning from temporary leaves of absence or temporary transfers to public hospitals.
†Does not include patients going on temporary leaves of absence or temporarily transferred to public hospitals.

TABLE No. II.—Showing the collective stay in days of the patients admitted to and infants born in the institutions; and the average stay in days each patient was under treatment.

Name of Sanatorium	Location	Total patients treated during year	Total collective days' stay of patients for year	Average days' stay of each patient for year	Average number patients in sanatoria daily	Number graduate and professional staff		Number all other employees	Percentage of beds occupied during year
						Full time	Part time		%
Brant Sanatorium	Brantford	254	35,491	139.7	97	12	1	41	89.2
St. Lawrence Sanatorium	Cornwall	182	39,836	218.9	109	16	1	34	97.4
Fort William Sanatorium	Fort William	367	67,622	184.3	185	21	......	49	97.0
Muskoka Hospital for Consumptives	Gravenhurst	718	155,303	216.3	425	61	1	177	96.7
St. Mary's-on-the-Lake Sanatorium	Haileybury	200	35,020	175.1	96	10	1	51	90.5
Mountain Sanatorium	Hamilton	1,427	261,294	183.1	716	93	1	266	98.1
Kingston Sanatorium	Kingston	97	16,347	168.5	45	10	1	15	95.3
Freeport Sanatorium	Kitchener	292	54,563	186.9	149	20	......	36	101.0
Queen Alexandra Sanatorium	London	1,012	202,562	200.2	555	68	1	236	90.8
Royal Ottawa Sanatorium	Ottawa	405	72,775	179.7	199	30	......	51	94.1
Niagara Peninsula Sanatorium	St. Catharines	214	31,492	147.2	86	14	1	30	98.1
Toronto Hospital for Consumptives and Queen Mary Hosp. for Con. Children	Weston	1,166	222,632	190.9	610	104	8	252	91.7
Essex County Sanatorium	Windsor	332	63,098	190.1	172	22	3	62	95.5
TOTALS	....	6,666	1,258,035	188.7	3,447	481	19	1,300	94.7

TABLE No. III.—Showing the cost of operating the sanatoria, and the average daily cost of each patient.

Name of Sanatorium	Location	Total collective days' stay of all patients	Cost of dietary supplies	Other operating costs, excluding provision for bad debts and depreciation	Total operating cost, excluding provision for bad debts and depreciation	Average daily per capita cost, excluding provision for bad debts and depreciat'n	Interest and exchange on long-term loans
			$ c.	$ c.	$ c.	$ c.	$ c.
Brant Sanatorium	Brantford	35,491	21,367.14	54,520.58	75,887.72	2.14	....
St. Lawrence Sanatorium	Cornwall	39,836	27,463.30	60,853.06	88,316.36	2.22	....
Fort William Sanatorium	Fort William.	67,622	34,227.62	75,040.38	109,268.00	1.62	7,933.01
Muskoka Hosp. for Consumpt's.	Gravenhurst.	155,303	102,629.64	277,157.89	379,787.53	2.45	....
St. Mary's-on-the-Lake San.	Haileybury	38,020	21,348.20	47,121.18	68,469.38	1.96	19,388.97
Mountain Sanatorium	Hamilton	261,294	143,443.48	413,090.06	556,533.54	2.13	....
Kingston Sanatorium	Kingston	16,347	9,594.75	24,206.94	33,801.69	2.07	....
Freeport Sanatorium	Kitchener	54,563	29,383.48	75,477.25	104,860.73	1.92	....
Queen Alexandra Sanatorium	London	202,562	132,012.88	340,366.02	472,378.90	2.33	....
Royal Ottawa Sanatorium	Ottawa	72,775	34,245.45	134,126.51	168,371.96	2.31	8,013.11
Niagara Peninsula Sanatorium	St. Catharines	31,492	18,824.43	71,300.91	90,125.34	2.86	....
Toronto H. for Consumptives and Queen Mary H. for Con. Child.	Weston	222,632	110,347.81	406,697.03	517,044.84	2.32	....
Essex County Sanatorium	Windsor	63,098	32,670.50	97,419.32	130,089.82	2.06	2,190.38
TOTALS	....	1,258,035	717,558.68	2,077,377.13	2,794,935.81	2.22	37,545.47

SANATORIA FOR CONSUMPTIVES (Cont'd)

TABLE No. IV.—Showing the sources of income of sanatoria.

Name of Sanatorium	Location	Income from patients and their agencies for maintenance in Sanatorium	Income from municipalities	Sundry income, including Christmas seals	Income from out-patient service	Income from earnings on investments, endowments, etc.	Total income from all sources other than Governm't grant and contributed funds	* Contributed funds
		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Brant Sanatorium	Brantford	19,372.21	....	843.66	2,399.00	801.52	23,416.39	1,603.10
St. Lawrence Sanatorium	Cornwall	748.50	....	1,845.57	2,191.80	103.09	4,888.96	15.00
Fort William Sanatorium	Fort William	23,799.71	....	1,244.40	3,802.64	1,566.14	30,412.89	8.00
Muskoka Hosp. for Con.	Gravenhurst	74,162.09	444.39	40,677.19	4,977.10	97,134.66	217,395.43	48,889.20
Toronto Hosp. for Con.	Weston							
St. Mary's-on-the-Lake San.	Haileybury	6,112.50	....	9,562.99	1,624.45	....	17,299.94	174.25
Mountain Sanatorium	Hamilton	69,801.97	234.00	32,172.04	11,205.50	7,147.50	120,581.01	21,234.16
Kingston Sanatorium	Kingston	9,039.50	....	....	....	....	9,039.50	....
Freeport Sanatorium	Kitchener	11,636.35	....	1,713.34	5,101.00	966.61	19,417.30	8,848.00
Queen Alexandra Sanatorium	London	74,875.60	722.00	26,577.96	5,219.50	17,582.36	124,977.42	45,796.57
Royal Ottawa Sanatorium	Ottawa	13,282.46	8,418.93	7,058.10	6,901.00	....	35,660.49	1,429.80
Niagara Peninsula Sanatorium	St.Catharines	7,017.83	5,400.00	10,004.43	9,061.50	3,209.54	34,693.30	4,114.75
Essex County Sanatorium	Windsor	6,448.47	....	5,714.14	2,129.50	1.50	14,293.61	4,676.29
TOTALS	....	316,297.19	15,219.32	137,433.82	54,612.99	128,512.92	652,076.24	136,789.12

*NOTE:—Contributed funds represent legacies, bequests, donations, etc., which may be used for capital purposes, invested as semi-permanent investments or used for general purposes at the discretion of the board of directors.

TABLE No. V.—Showing the basis on which statutory aid is granted.

Name of Sanatorium	Location	Days at $2.00	Infant days at $1.00	Amount	Adjustments		Total Government grant
					Credits	Debit	
				$ c.	$ c.	$ c.	$ c.
Brant Sanatorium	Brantford	29,264	....	58,528.00	....	750.00	57,778.00
St. Lawrence Sanatorium	Cornwall	39,836	....	79,672.00	6.00	....	79,678.00
Fort William Sanatorium	Fort William	58,618	....	117,236.00	142.00	36.00	117,342.00
Muskoka Hosp. for Consumptives	Gravenhurst	149,097	....	298,194.00	....	....	298,194.00
St. Mary's-on-the-Lake Sanatorium	Haileybury	33,643	26	67,312.00	....	20.00	67,292.00
Mountain Sanatorium	Hamilton	244,068	343	488,479.00	....	1,038.00	487,441.00
Kingston Sanatorium	Kingston	14,364	....	28,728.00	....	....	28,728.00
Freeport Sanatorium	Kitchener	51,760	....	103,520.00	154.00	4.00	103,670.00
Queen Alexandra Sanatorium	London	183,782	....	367,564.00	72.00	1,134.00	366,502.00
Royal Ottawa Sanatorium	Ottawa	71,873	....	143,746.00	....	118.00	143,628.00
Niagara Peninsula Sanatorium	St. Catharines	30,721	....	61,442.00	4.00	....	61,446.00
Toronto Hosp. and Queen Mary Hosp. for Consumptive Children	Weston	214,585	398	429,568.00	120.00	572.00	429,116.00
Essex County Sanatorium	Windsor	62,970	....	125,940.00	....	2.00	125,938.00
TOTALS	....	1,184,581	767	2,369,929.00	498.00	3,674.00	2,366,753.00

INFORMATION CONCERNING PRIVATE HOSPITALS, REST HOMES, CONVALESCENT HOSPITALS, ETC., LICENSED DURING THE YEAR UNDER REPORT

Location	Name of Hospital	Licensee	Type	Bed Cap.
Private Hospitals				
Campbellford	Campbellford Private Hospital	Dr. E. A. Stuart	Medical, Surgical and Maternity	9
Chesley	Anne Buckland Private Hospital	Mrs. A. Buckland, Reg. N.	Medical, Surgical and Maternity	10
Connaught Station	Connaught Private Hospital	Dr. J. H. A. MacDonald	Medical, Minor Surgical and Maternity	5
Copper Cliff	International Nickel Co., Private Hospital	International Nickel Co.	Medical and Surgical	33
Elmira	Turner Private Hospital	Mrs. Emma Turner	Medical	12
Favourable Lake	Berens River Mines Hospital	Dr. R. C. Anderson	Medical and Surgical	4
Fort Frances*	Dr. O'Donnell's Private Hospital	Dr. J. E. O'Donnell	Medical, Surgical and Maternity	10
Fort Frances*	Dr. McKenzie's Private Hospital	Dr. J. J. Leishman	Medical, Surgical and Maternity	17
Fort William	Margaret Jane Dewar Private Hospital	Dr. R. Kerr Dewar	Medical, Surgical and Maternity	6
Hamilton	Salvation Army Maternity Hospital	Salvation Army	Maternity	22
Havelock	Havelock Private Hospital	Mrs. Lucinda Cummins	Medical, Surgical and Maternity	7
Hawkesbury	Hawkesbury Private Hospital	Dr. T. W. Smith	Medical, Surgical and Maternity	12
Hawkesbury	Hosp. of the Asylum of the Good Shepherd of Quebec	Asylum of the Good Shepherd	Maternity	27
Hawkesbury	Dr. Kelly's Private Hospital	Dr. E. P. Kelly	Medical, Surgical and Maternity	12
Kapuskasing	Sensenbrenner Private Hospital	Spruce Falls Power & Paper Co.	Medical, Surgical and Maternity	50
Leamington	Hopewell Private Hospital	Miss Mary Dinning, Reg. N.	Medical, Surgical and Maternity	18
Little Britain*	Little Britain Private Hospital	Miss Nora J. Sweetman, Reg. N.	Medical, Surgical and Maternity	12
Little Long Lac	Little Long Lac Hospital	Little Long Lac Hospital Association	Medical, Surgical and Maternity	33
London	Mason Villa Nursing Home	Mrs. Hazel A. Mason, Reg. N.	Medical	10
London	Rogers Private Hospital	Mrs. E. M. Rogers	Medical and Maternity	21
London	Salvation Army Bethesda Hospital	Salvation Army	Maternity	21
Markdale	Markdale Private Hospital	Dr. R. L. Carefoot	Medical, Surgical and Maternity	21
Moose Factory	Newnham Cottage Hospital	Missionary Society of the Church of England in Canada	Medical	10
McKenzie Island	McKenzie Island Hospital	McKenzie Red Lake Gold Mines, Ltd.	Medical, Surgical and Maternity	5
Oakville	MacDonald House	Mrs. Jane Taylor	Medical, Surgical and Maternity	10
Orillia	Hillcrest Private Hospital	Misses Josie E. Brailey & Frances M. Dean, Reg. N.	Medical	15
Ottawa	Duke-Fingard Inhalation Hospital	Miss Gertrude L. Smith, Reg. N.	Medical	71 up-pts
Ottawa	Rideau Private Hospital	Miss Doria Cote, Reg. N.	Maternity	15
Ottawa	Hartington Nursing Home	Mrs. Mabel D. Thomas, Reg. N.	Medical	20
Port Perry	Port Perry Private Hospital	Mrs. Nellie Whitmore, Reg. N.	Medical, Surgical and Maternity	12
Preston	Preston Springs Sanatorium	Drs. L. G. and J. E. Hagmeier	Medical, Surgical and Maternity	57
Red Lake*	Howey Gold Mines Private Hospital	Dr. T. J. Goodison	Medical and Surgical	4
St. Mary's	Beth Haven Private Hospital	Mrs. Howard Dicks, Reg. N.	Medical, Surgical and Maternity	11
Smooth Rock Falls	Smooth Rock Falls Private Hospital	Abitibi Power & Paper Co.	Medical, Surgical and Maternity	11
Stouffville	Brier Bush Private Hospital	Mrs. E. R. Good	Medical, Surgical and Maternity	24
Sutton West	Sutton Private Hospital	Miss Elsie V. King	Medical, Surgical and Maternity	10
Thorold	Maple Hurst Private Hospital	Miss F. L. Stevenson, Reg. N.	Medical and Maternity	23
Toronto—200 Danforth Ave.	Albany Private Hospital	Mrs. Elizabeth McCulloch	Medical, Minor Surgical and Maternity	18
435 Walmer Rd.	Clifton Memorial Nursing Home	Miss Alice M. Jeffrey	Medical	11
47 Dewson St.	Dewson Lodge	Mrs. Jean Cunningham	Medical	12
921-923 College St.	Duke-Fingard Inhalation Hospital	Mrs. Margaret Carmichael, Reg. N.	Medical	73 up-pts.
94 Isabella St.	Isabella Private Hospital	Mrs. Jessie Urquhart	Medical, Surgical and Maternity	10
862 College St.	Mayfair Private Hospital	Miss Bess Newsome, Reg. N.	Medical	10
429 Walmer Rd.	Metcalfe Nursing Home	Mrs. Marjorie Metcalfe, Reg. N.	Medical	12
880 St. Clair Ave. W.	Oakwood Clinic Hospital	Dr. W. S. Grimshaw	Medical, Surgical and Maternity	10
53 Harvie Ave.	St. Clair Private Hospital	Dr. Harold E. Baker	Maternity	4
550 Jarvis St.	St. Mary's Private Hospital	Sisters of Misericorde	Medical, Surgical and Maternity	25
626 Church St.	Stewart Private Hospital	Mrs. Esther C. Stewart	Medical	4
432 Sherbourne St.	Stirling Rest Home	Mrs. Catherine Stirling, Reg. N.	Medical	14
32 Gothic Ave.	Strathcona Private Hospital	Mrs. Jean I. Nesbitt, Reg. N.	Medical, Surgical and Maternity	31
56 Isabella St.	Victoria Memorial Hospital	Miss Grace E. Plumridge, Reg. N.	Medical, Surgical and Maternity	25
Vankleek Hill	Vankleek Hill Private Hospital	Dr. A. MacDonald	Medical, Surgical and Maternity	10
Waterford	Waterford Private Hospital	Mr. E. K. Wills	Medical	16
Weston†	Cottage Nursing Home	Mrs. Margaret Pudifin	Medical, Surgical and Maternity	12
Wiarton	Porter Private Hospital	Mrs. Eva Porter	Medical, Surgical and Maternity	9
Convalescent Hospitals				
Brantford	Brantford Convalescent Home	Mrs. Lenah J. Coyell	Convalescent	9
Toronto—867 College St.	Allen Rest Home	Miss Catherine Osborne	Convalescent	14
10 Homewood Place	Homewood Rest Home	Miss Rosa Middleton, Reg. N.	Convalescent	8
Rest Homes				
Markham	Glen Rouge Rest Home	Miss A. E. Mayhew	Rest Home	4
Pendleton	Henry Moffatt Memorial Rest Home	Miss Irene Tucker, Reg. N.	Rest Home	10
Toronto—58 Huntley St.	Wood Royal Nursing Home	Dr. F. F. Carr-Harris	Rest Home	10
Hospitals for Alcoholic Patients				
Toronto—43 Wellesley St.	Wood Sanatorium	Messrs. G. R. Wood and J. J. Woolnough	Alcoholics	14

*Closed December 31st, 1941. †Closed July 4th, 1941.

Annual Report

UPON THE

Prisons and Reformatories

OF THE

PROVINCE OF ONTARIO

FOR THE YEAR ENDING 31st MARCH

1942

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TO THE HONOURABLE ALBERT MATTHEWS,
Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to present the Annual Report upon the Prisons and Reformatories of the Province of Ontario for the year ending 31st March, 1942.

Respectfully submitted,

H. C. NIXON,
Minister.

HONOURABLE HARRY CORWIN NIXON,
Provincial Secretary of Ontario.

SIR :

For two years past in reporting on the Reformatories and Prisons of this Province it was our pleasant duty to report decreases, even though small, in the number of persons committed and sentenced to prison. For the third time in succession there is a decrease to report and this time substantial. During the year which ended March 31, 1942, the commitments and sentences were respectively 27,225 and 19,652. For the previous year they were 30,875 and 25,622.

The following table shows the committals and sentences in all years from 1913.

Year ending September 30th	Approximate population of Ontario.	Persons Committed for Trial	Persons Sentenced to Prison
1913	2,767,000	19,250	11,897
1914	2,770,000	22,777	14,801
1915	2,788,000	20,337	12,663
1916	2,728,000	16,100	9,364
1917	2,750,000	12,445	7,867
1918	2,769,000	13,242	7,874
1919	2,821,000	13,096	7,904
1920	2,849,000	14,756	8,643
1921	2,934,000	16,800	9,790
1922	3,101,000	14,800	9,312
1923	3,035,000	13,995	8,036
1924	3,075,000	15,879	8,834
1925	3,115,000	18,023	11,306
1926	3,151,000	18,033	11,371
1927	3,176,000	20,578	13,927
1928	3,241,000	23,786	16,358
1929	3,285,000	25,980	17,626
1930	3,366,000	29,126	21,421
1931	3,432,000	26,358	18,127
1932	3,479,000	25,235	15,804
1933	3,510,000	22,484	14,538
1934	3,540,000	20,916	13,509
Year ending March 31, 1936	3,690,000	24,053	16,356
1937	3,711,000	27,592	20,618
1938	3,731,000	30,345	23,649
1939	3,750,000	34,914	27,926
1940	3,755,000	33,075	26,543
1941	3,757,000	30,875	25,627
1942	3,760,000	27,225	19,652

Note: The fiscal year was changed in 1935 to end March 31.

This decrease for the year under review was expected. In reporting in 1940 we reviewed the variations and course of the prison population in the War 1914-1918. It was then stated, "Therefore the situation since the present war started is parallel with that in the same period of the former war and we can reasonably expect that it will continue for some time if, of course, the war is one of several years duration." It has continued to parallel that situation to date. In both cases the demand for manpower became gradually more intense for the armed forces, industry and agriculture and therefore, less men reached prison. Furthermore, when there is a declining prison population courts and statutory clemency authorities are more lenient and men are in prison for shorter terms.

The demand for manpower is increasing. Surplus manpower is getting scarce and undoubtedly the situation will become more acute. There is likely to be a further substantial reduction in our prison population, but beyond a certain point it will not reduce further. About fifty percent of our prisoners are mental defectives who, even in times when work is abundant and pay steady and good, are unstable and irresponsible and many of them repeat to prison. The demands for high efficiency in the armed forces and industry are imperative and the mental defective cannot qualify.

The large reduction in our prison population in wartime is from the other fifty percent, those of normal or superior intelligence. They are absorbed into the armed forces and necessary war work. Thus, the cream of our crop of young men goes to war, many of them not to return and our mental defectives remain here to reproduce their kind, some of them as liabilities in our prisons as their descendants will be later.

We have said that the prison population in wartime will only reduce to a certain point. Another factor enters the picture as it did in the last war—military prisoners. For convenience these are divided into two classes (1) Soldiers who commit crime and are sentenced in the civil courts to civil prisons. (2) Soldiers sentenced to prison by military authorities. Because of lack of military prisons, the civil prisons are used. Therefore, both classes are together in our prisons. In the year under review we had 1,813; the previous year 166. It is probable that the number will further increase.

It will be noted in the attached statistics that there were decreases in all four of the main classifications of crimes, crimes against the person, crimes against property, crimes against public morals and decency and crimes against order and peace. Last year we noted an increase in crimes against public morals and decency. It is reassuring that in the next year, the figure dropped again to the more normal level.

Disicpline was well maintained in the Institutions throughout the year. In the Gaols the population was comparatively low because of less committals and by transfers to Provincial Institutions. In the latter, as usual, there was plenty of useful work for all placed there. The industries operated as usual. The farm crops were good and well harvested. Our programme of livestock improvement was continued.

There have been further enlistments from our staffs to the war services. Others have been attracted by industry. It is increasingly difficult to get necessary replacements, but in general our officers have remained at their posts.

Reference was made in the last two previous reports to the camp established east of Longlac for building a section of the highway to connect Eastern and Western Canada. That section allotted to us was successfully completed and the last camp was closed in December, 1941.

As stated in previous reports, since the beginning of the war we have given up several of our smaller institutions for war purposes. This has disrupted to some extent our classification of male prisoners, but the Ontario Reformatory, Guelph, and the Industrial Farm, Burwash, can accommodate all who are now sentenced to such places and also those whom it is practicable to transfer from the common gaols.

Attached are the reports of the heads of the provincial institutions. I wish to take this opportunity of expressing my deep appreciation of the able manner in which they have administered the affairs of those institutions.

I commend for your attention the attached report and statistics, showing the activities and heartening results of the work of the Board of Parole and the parole staff.

Many organizations and individual citizens are daily throughout each year doing noble work in keeping youth from criminal ways and helping to restore to good citizenship those who have passed through our institutions. We record our word of praise to those who have thus served their country so well. Also I wish to express my word of commendation for all the good work of our departmental and institution officials and officers.

C. F. Neelands,
Deputy Provincial Secretary.

TABLE No. 1

Movement of Population in Ontario Reformatories and Industrial Farms.
April 1st, 1941, to March 31st, 1942.

	Ontario Reformatory Guelph	Industrial Farm Burwash	Andrew Mercer Reformatory Toronto	Total
Remaining in Custody April 1st, 1941	860	771	153	1,784
Committed during the year	2,151	10,19	301	3,471
Re-admitted from Penitentiaries	....	....	....	....
Re-admitted from Gaols and other Institutions	17	....	3	20
Parole Violators re-admitted	18	2	9	29
Ticket-of-Leave Violators re-admitted	2	1	....	3
Total Number in Custody during the Year	3,048	1,793	466	5,307
Discharged on expiration of sentence	1,704	1,043	207	2,954
Discharged by ticket-of-leave	67	12	1	80
Discharged by Parole Board	350	104	96	550
Discharged by payment of fines	23	7	4	34
Discharged by remission of sentence	28	....	....	28
Discharged by Order-in-Council	26	....	3	29
Discharged by His Excellency the Governor General	....	5	1	6
Released on Bail	3	....	1	4
Interned	....	....	....	....
Transferred to Hospital	....	....	....	....
Transferred to Hospital for the Mentally ill	13	5	11	29
Transferred to Other Institutions	16	14	....	30
Returned to gaols	15	....	6	21
Deported	11	7	3	21
Released or transferred for other reasons	14	....	....	14
Escaped and not recaptured up to March 31st, 1942	....	1	....	1
Died while in custody	3	1	1	5
Total number discharged, released, died, etc.	2,273	1,199	334	3,806
Number remaining in custody, March 31st, 1942	775	594	132	1,501

The following tables show Social Conditions; Educational Status; Habits as to use of Intoxicants and Drugs; Nationalities; Occupations and Criminal History of Prisoners Committed to Ontario Reformatories and Industrial Farms for the year ending March 31st, 1942.

	Ontario Reformatory Guelph	Industrial Farm Burwash	Andrew Mercer Reformatory Toronto	Total
2. Social Conditions				
Married	619	322	141	1,082
Single	1,428	659	133	2,220
Widowed	92	33	24	149
Divorced	12	5	3	20
3. Educational Status				
Illiterate	128	38	19	185
Elementary	1,579	773	205	2,557
High School	414	193	77	684
College or University	30	15	....	45
4. Habits as to use of Intoxicants				
Abstainers	371	....	65	436
Temperate	710	365	78	1,153
Intemperate	1,070	654	158	1,882
5. Habits as to use of Drugs				
Abstainers	2,150	991	288	3,429
Addicts	1	28	13	42
6. Nationalities				
Canadian born	1,633	837	242	2,712
English	129	40	17	186
Irish	86	6	2	94
Scotch	114	30	8	152
United States	58	14	18	90
Other	131	92	14	237
7. Criminal History				
First time	334	120	145	599
Second time	248	85	53	386
Third time	193	114	37	344
More than third time	1,376	687	64	2,127
No record available	....	13	2	15
8. Occupation				
Agricultural	92	96	....	188
Commercial	477	90	14	581
Domestic	....	76	224	300
Labourers	1,041	294	....	1,335
Mechanics	212	387	....	599
Professional	7	76	....	83
No occupation	292	....	63	355
Miscellaneous	30	....	....	30

Length of Sentences received by Prisoners committed in the Ontario Reformatories and Industrial Farms and their Ages.

	Ontario Reformatory Guelph	Industrial Farm Burwash	Andrew Mercer Reformatory Toronto	Total
9. Ages of Prisoners				
15–19	546	72	75	693
20–24	190	242	56	488
25–29	150	181	42	373
30–34	138	115	32	285
35–39	155	111	27	293
40–44	216	101	34	351
45–49	180	73	25	278
50–54	216	45	1	262
55–59	193	35	4	232
60–64	93	27	4	124
65–69	47	15	....	62
70 and over	27	2	1	30
10. Length of Sentences				
Definite				
Under 30 days	1	....	3	4
30 days and under 60	151	2	9	162
2 Months and under 3	570	13	31	614
3 " " " 4	445	129	34	608
4 " " " 5	96	51	17	164
5 " " " 6	17	24	4	45
6 " " " 9	148	266	46	460
9 " " " 12	17	27	1	45
12 " " " 15	113	120	21	254
15 " " " 18	1	15	....	16
18 " " " 21	18	30	....	48
21 " " " 24	31	38	6	75
Indefinite				
3 Months to 6 Months	90	29	11	130
3 " to 9 "	11	6	....	17
3 " to 12 "	5	1	....	6
3 " to 18 "	....	....	....	....
3 " to 24 "	....	....	....	....
6 " to 9 "	52	33	7	92
6 " to 12 "	30	12	3	45
6 " to 18 "	8	3	....	11
6 " to 24 "	....	....	....	....
9 " to 12 "	8	13	2	23
9 " to 18 "	1	2	....	3
9 " to 24 "	....	....	....	....
12 " to 18 "	33	23	1	57
12 " to 24 "	4	4	1	9
18 " to 24 "	16	8	....	24
24 " to 36 "	12	1	....	13
24 " to 48 "	1	2	....	3
Miscellaneous	272	167	104	543

Number of prisoners who escaped and evaded capture; number who escaped and were recaptured; employment of prisoners and number of officers and employees.

	Ontario Reformatory Guelph	Industrial Farm Burwash	Andrew Mercer Reformatory Toronto	Total
11. Escapes				
Escaped and evaded capture	....	1	....	1
Escaped and were recaptured	20	31	2	53
12. Employment of Prisoners in the Institution during the Year (Per Centage)				
Clerical	2.21	1.87	....	....
General Maintenance and Construction	32.85	56.80	59.00	....
Sick	4.77	2.05	4.00	....
Bush Operations	....	10.31	....	....
School	2.22	....	....	....
Industrial	25.85	5.95	35.00	....
Farm and Garden	23.05	15.48	2.00	....
Land and Road Improvement	9.05	7.54	....	....
13. Number of Officers and Employees on March 31st				
Superintendent	2	1	1	4
Physicians	2	2	1	5
Dentists	1	1	1	3
Teachers	1	2	1	4
Bursars or Stewards	....	....	1	1
Storekeepers	1	1	....	2
Asst. Storekeepers	....	....	....	....
Accountants, Clerks, Stenographers, etc.	11	10	2	23
Sergeants (Day)	1	....	....	1
Asst. Sergeants (Day)	2	3	....	5
Sergeants (Night)	1	....	....	1
Asst. Sergeants (Night)	1	1	....	2
Guards (Day) or Attendants	73	79	16	168
Guards (Night) or Attendants	23	17	3	43
Kitchen and Dining Room Help	....	1	....	1
Nurses	1	1	1	3
Farmers, Gardeners and Assts.	3	1	1	5
Engineers and other Mechanical Help	11	6	6	23
All other Employees	6	2	2	10
Total	140	128	36	304

TABLE

Offences for which Prisoners were committed during the

	Ontario Reformatory Guelph	Industrial Farm Burwash	Andrew Mercer Reformatory Toronto	Total
A. Crimes Against the Person				
Abduction	1	2	1	4
Abortion	....	....	....	....
Assault Common	9	5	....	14
Assault Felonious	23	34	2	59
Attempted Suicide	2	4	1	7
Cutting and Wounding and attempting same	6	6	....	12
Shooting with intent	1	....	....	1
Stabbing	....	....	....	....
Manslaughter	1	1	....	2
Carnal Knowledge	20	9	....	29
Incest	1	2	....	3
Rape and Assault with intent	....	....	....	....
Total	64	63	4	131
B. Crimes Against Property				
Arson and Incendiarism	3	3	....	6
Breaking and Entering and Theft	8	66	4	78
Breaking and Entering	....	23	1	24
Burglary	3	3	....	6
Housebreaking	51	....	....	51
Robbery	27	2	1	30
Forgery	17	6	3	26
Fraud	3	5	1	9
False Pretences	40	49	4	93
Shopbreaking	142	5	....	147
Theft of Cars	136	88	....	224
Taking without owner's consent	87	18	....	105
Larceny or Theft	322	164	40	526
Receiving Stolen Goods	30	22	2	54
Trespass	1	....	....	1
Total	870	454	56	1,380

No. 14.
year to Ontario Reformatories and Industrial Farms.

	Ontario Reformatory Guelph	Industrial Farm Burwash	Andrew Mercer Reformatory Toronto	Total
C. Crimes Against Public Morals and Decency				
Bigamy	11	3	3	17
Indecent Assault	27	15	....	42
Indecent Exposure or other Indecent Act	4	9	1	14
Inmates and Frequenters of Houses of Ill-fame	....	....	4	4
Keeping Houses of Ill-fame	4	....	17	21
Juvenile Delinquency	31	9	20	60
Perjury	3	3	3	9
Prostitution	....	....	21	21
Seduction	2	2	....	4
Buggery	12	1	....	13
Total	94	42	69	205
D. Crimes Against Public Order and Peace				
Breach of Liquor Control Act	858	141	40	1,039
Breach of Excise Act	9	9	1	19
Breach of Narcotic or Drug Act	7	20	5	32
Breach of By-laws	....	....	....	....
Carrying Unlawful Weapons	8	8	....	16
Cruelty to Animals	....	....	....	....
Drunk and Disorderly	....	15	....	15
Escaping from Constable	....	....	....	....
Escaping from Prison	1	5	2	8
Gambling	....	....	....	....
Obstructing an Officer	6	2	1	9
Unlawful shooting	....	....	....	....
Vagrancy	79	57	56	192
Total	968	257	105	1,330
E. Other Offences not Enumerated above				
Total	155	203	67	425
GRAND TOTAL— Totals of A., B., C., D. and E.	2,151	1,019	301	3,471

DEPARTMENT OF PROVINCIAL SECRETARY, REFORMATORIES AND PRISON BRANCH

ONTARIO REFORMATORIES AND INDUSTRIAL FARM

Average maintenance cost per day per inmate for the twelve months from April 1, 1940, to March 1, 1941, and April 1, 1941, to March 31, 1942.

	Ontario Reformatory Guelph		Ontario Reformatory Mimico		Mercer Reformatory Toronto		Industrial Farm Burwash	
	1941	1942	1941	1942	1941	1942	1941	1942
Days' Residence of Inmates	302,754	285,813	20,350	——	56,777	54,798	290,488	245,565
Average No. of Inmates	829.5	783	110	——	155.8	150.1	795.8	672.8
EXPENDITURE								
Medicines	.0330	.0357	.0367	——	.0105	.0256	.0559	.0617
Provisions	.3293	.3289	.2732	——	.2143	.2513	.4580	.4219
Fuel, Light and Water	.0722	.0852	.0837	——	.1406	.1393	.0824	.0862
Clothing	.1172	.0907	.1464	——	.0322	.0335	.1108	.0746
Laundry and Cleaning	.0252	.0314	.0644	——	.0407	.0395	.0350	.0366
Furniture and Furnishings	.0234	.0171	.0017	——	.0253	.0339	.0267	.0192
Office Expenses	.0129	.0111	.0243	——	.0162	.0256	.0117	.0127
Farm, Feed and Fodder Expense	.0781	.1069	.2255	——	.0143	.0121	.0706	.0819
Contingencies	.0498	.0590	.1337	——	.0481	.0468	.1260	.1503
Repairs to Buildings	.0922	.0567	.0980	——	.1630	.1658	.1393	.2066
Salaries	.5580	.6069	1.2999	——	.7860	.8037	.6889	.7486
Industrial Operations	1.7806	1.8187		——	2.1380	2.6402	0782	.1156
Total Expenditure Per Capita	$3.1719	$3.2513	$2.3875	——	$3.6292	$4.2173	$1 8835	$2.0159
REVENUE								
Custodial Revenue	.0980	.1898	.4727	——	.0344	.0240	.1189	.1927
Perquisites	.0399	.0296	.0720	——	.1448	.1504	.1417	.1307
Industrial Revenue	1.7513	1.9092	.2285	——	2.3689	1.9075	.0746	.1123
Total Revenue Per Capita	1.8892	2.1286	7732	——	2.5481	2.0819	.3352	.4357
Net Per Capita Cost	$1.2827	$1.1227	$1.6143	——	$1.0811	$2.1354	$1.5483	$1.5802

	Total Gross Expenditure		Total Revenue		Total No. of Days' Stay		
	March 31 1941	March 31 1942	March 31 1941	March 31 1942	March 31 1941	March 31 1942	
Ontario Reformatory, Guelph	960,327.31	929,288.58	571,980.25	608,393.24	302,754	285,813	Average Per Capita Cost per Diem, 1940-41..$1.3908 Average Per Capita Cost per Diem, 1941-42..$1.4091.
Ontario Reformatory, Mimico	48,586.36	——	15,734.61	——	20,350	——	
Mercer Reformatory, Toronto	206,060.84	231,099.47	144,680.30	114,084.71	56,777	54,798	
Industrial Farm, Burwash	547,192.96	495,040.97	97,410.10	106,989.32	290,488	245,565	
	1,762,167.47	1,655,429.02	$829,805.26	$829,467.27	670,369	586,176	
Less Revenue	829,805.26	829,467.27					
	$932,362.21	$825,961.75					

COMPARATIVE EXPENDITURE AND REVENUE FOR THE TWELVE MONTHS ENDING MARCH 31st, 1941, AND MARCH 31st, 1942.

	EXPENDITURE				REVENUE			
	March 1941	March 1942	Increase	Decrease	March 1941	March 1942	Increase	Decrease
Ontario Reformatory, Guelph—								
Salaries	$168,934.23	$173,460.90	$4,526.67					
General Maintenance	224,392.24	219,811.09		$4,581.15	$41,759.53	$62,697.70	$20,938.17	
Repairs to Buildings	27,910.53	16,217.49		11,693.04				
Industries	539,090 31	519,799.10		19,291.21	530,220.72	545,695.54	15,474.82	
Ontario Reformatory, Mimico—								
Salaries	26,453.61			26,453.61				
General Maintenance	20,136.94			20,136 94	11,085.53			11,085.53
Repairs to Buildings	1,995.81			1,995.81				
Industries					4,649.08			4,649.08
Mercer Reformatory, Toronto—								
Salaries	44,631.18	44,041.81		589.37				
General Maintenance	30,784.09	33,296.43	2,512.34		10,176 04	9,556.90		619.14
Repairs to Buildings	9,253.24	9,085 85		167.39				
Industries	121,392.33	144,675.38	23,283.05		134,504.26	104,527.81		29,976.45
Industrial Farm, Burwash—								
Salaries	200,155.77	183,831.10		16,321.67				
General Maintenance	283,857.79	232,091.65		51,766.14	75,718.04	79,402.24	3,684 20	
Repairs to Buildings	40,451 88	50,740.40	10,288 52					
Industries	22,727.52	28,377.82	5,650.30		21,692.06	27,587.08	5,895.02	
TOTALS	1,762,167.47	1,655,429.02	$46,260.88	$152,999.33	$829,805.26	$829,467.27	$45,992.21	$46,330.20

Decrease in Ordinary Expenditure—$106,738.45 Decrease in Ordinary Revenue—$337.99

Reformatories

THE ONTARIO REFORMATORY, GUELPH

May 21, 1942.

DEAR MR. NEELANDS :

The attached statistical report of the Ontario Reformatory, Guelph, covers the fiscal year ending March 31, 1942.

2,151 were committed to this Institution during the year, which is an increase in commitments of 95 over the preceding year. The total number in custody during the year was 3,048. Our average daily population for the year was 781.7, which is a decrease over the preceding year of 47.8.

594 admissions were under the age of 21 years. This is 16 more than in this age group (15 to 20 years) in the preceding year. There are 87 more admissions in the age group below 19 than in the previous year. 334 were convicted for the first time; 248 for the second time; 193 for the third time and 1,376 were convicted for more than the third time.

Number convicted for the first time	15,52%
Number convicted for the second time	11.53%
Number convicted for the third time	8.97%
Number convicted for more than the third time	63.98%

528 were "serving time" for the first time.

854 Commitments had previously served terms in this Institution.

400 had served one previous term here.
194 had served two previous terms here.
121 had served three previous terms here.
65 had served four previous terms here.
33 had served five previous terms here.
19 had served six previous terms here.
22 had served over six and up to fifteen previous terms here.

150 Industrial School boys were committed during the year, which is 12 more than the preceding year.

78 had previously served penitentiary sentences; 204 had been in other reformatories and 482 had previously served gaol sentences.

Intelligence and educational tests were given to all inmates serving over three-month sentences. No change was apparent, in the various groupings from the intelligence tests, from that shown in the results of previous years. Approximately 20% of our population are mental defectives; 37% borderline and dull normal intelligence, leaving a balance of 43% in the normal intelligence group. In the normal group, 1.96% had superior intelligence.

The educational tests this year showed that :

6.12% of those inmates tested showed an education equal to their own statement.
1.93% of those tested showed an education superior to their own statement.
91.95% of those tested showed an education inferior to their own claims.
12.2% of those tested had entrance standing or better.
60% of those tested were lower than grade VI.

Educational tests were not given to mentally deficient or borderline intelligence inmates.

The school had aa successful year. Nine pupils wrote their entrance examinations and nine were successful. Good progress was made with the illiterate and junior classes. The night vocational classes functioned as usual.

The library books on our shelves number 4,067 volumes. No new accessions have been made durng the year because all city libraries are now sending their discards into the army camps. About 95% of those in cells take out books to read. Less than 10% of those in dormitories read any books.

Physical training classes were held five nights a week, with a P.T. orchestra supplying music for the exercises. This is compulsory for all physically fit men. Basketball games, and monthly boxing bouts were held during the winter months.

The general health of the inmates was good. 32 major operations and 15 minors were performed in Guelph hospitals. The Dental Clinic gave 2,862 examinations and 1,285 treatments. 110 committments had syhpilis or 5.1% . 14 committments had gonorrhea or .6%. 13 inmates were mentally ill and were transferred to mental hospitals for treatment. 3 deaths occurred, one from Bronchial Pneumonia, one from Cerebral Hemorrhage and one from Coronary Thrombosis.

Twenty escapes were made from the Institution during the year. All were recaptured. Discipline was well maintained during the year.

All the industrial departments operated throughout the year. The total industrial revenue was $545,695.54. Our total profit from all industries was $25,315.58.

In the abattoir, our total sales of products amounted to 1,956,767 pounds, with a value of $311,684.31. The Auto Marker Plant produced 820,102 pairs of license plates. Our cannery production had a sales value of $82,927.69. The machine shop produced goods valued at $6,412.17. The planing mill turned out products valued at $4,732.64. The tailor shop produced goods valued at $50,312.43. The woollen mill production was goods valued at $18,450.37.

On our farm the crops were good, but a shortage of rain shortened the hay and straw production. Our farm recoveries amounted to $57,876.61, an increase of some $13,400.81 over the preceding year. 565 hogs were sold, with a value of over $13,000.00. The total value of our production of milk was $20,344.30. This is an increase over the preceding year of $5,861.00 in value.

We are grateful to those who, during the year, provided entertainment, religious services, and gave spiritual advice to our inmates.

I wish to commend my staff to you for their conscientious and loyal service in these difficult times. I wish to thank the Honourable Mr. Nixon, yourself, and your staff, for the assistance, courtesy and kindness extended to us throughout the year.

Yours very truly,

J. D. HEASLIP, M.D.,
Superintendent.

ANNUAL REPORT
OF THE INDUSTRIAL FARM, BURWASH, ONTARIO.

C. F. Neelands, Esq.,
Deputy Provincial Secretary,
Parliament Buildings,
Toronto, Ontario.

August 20, 1942.

Dear Sir:

I beg to submit the Annual report of the Industrial Farm, Burwash, for the year ending March 31, 1942.

Farming and bush work provides, to a great extent, healthy and gainful employment to nearly 60% of the inmate population. Admissions during the year were 1,022, and 1,199 were discharged.

We had a successful year on the land, with good returns obtained from the harvesing of over 1,000 acres. The potato crop was excellent. The range cattle, dairy herd, hogs and sheep were in good condition, and supplied the institution with a fair proportion of our requirements. A new dairy barn was erected, 175 ft. x 40 ft. and the old barn reconditioned and fitted with horse boxes to take care of our young colts. Farm recoveries and sales amounted to $74,818.69.

Bush work and logging carried out durng the winter months, provided fuel for our boiler plants and staff cottages, also timber for sawmill operation, the finished lumber from the planing mill being used on our own construction work. Revenue from logging and mill operation, $11,224.02. 50 acres of land were cleared and considerable drainage work done.

Special classes were arranged for inmates working in power plants to study engineering, so as to obtain a stationary engineer's certificate. This class, under the guidance of Mr. Greenwood, our Chief Engineer, was successful in obtaining, with credit, three 4th. Class certificates and two 3rd, Class certificates. I wish to express my appreciation for the assistance given by the Examining Board of the Stationary Engineers' Branch of the Department of Labour for making this examination possible.

The Tailor Shop provides employment for 30 to 40 men, where individual instruction is given in the operation of power driven equipment, including some special machines. Every opportunity is afforded the inmates to familiarize themselves with all types of machines in use. Inmates are employed, under experienced officers, on the construction and maintenance of all buildings and equipment, thus gving them an opportunity to obtain valuable experience that will be useful to them in their effort to rehabiltate themselves after release.

Recreation in the form of baseball, with teams picked from the various camps, provided healthy outdoor exercise during the summer months. Monthly concerts were also held in the exercise yard, inmates providing their own talent. During the winter, games such as dominoes, cards, checkers, and several concerts were held.

The Seagram Branch of the Industrial Farm was closed in December, having finished the construction of that part of the Trans-Canada Highway assigned to them over two years ago. 152 inmates and 22 officers returned to Burwash during November and December. Sergeant Catton, in charge of this work, is to be congratulated for the maintenance and discipline during the entire period of their sojourn at Seagram.

The general health of the Institution was of a high order and credit for this work is due our Surgeon, Dr. J. Onhauser, his assistant, Dr. G. F. Cliff, and the entire hospital staff. 21 major and 56 minor operations were carried out with success during the past year.

Discipline throughout the year was good and I wish to express my appreciation to the various members of the staff, for their co-operation and assistance.

22 inmates attempted to escape. One of these succeeded in escaping but was later apprehended at Hamilton.

Our thanks are due to Major Talbot, Rev. E. J. Tucker and Rev. Father Plouffe for the care and the kindly interest taken in the spiritual needs of the inmates. I also wish to express my sincere thanks for the kind assistance and consideration given me by the Honourable H. C. Nixon and to you, Sir, including your staff, for your direction in the various matters pertaining to the operation of this institution.

Yours very truly,

W. L. McJANNET,
Superintendent.

MERCER REFORMATORY

April 30, 1942.

Mr. C. F. Neelands,
Deputy Provincial Secretary,
Parliament Buildings,
Toronto, Ontario.

Sir :

I have the honour to submit the report of the Andrew Mercer Reformatory for the year ending March 31, 1942.

Of the 301 admitted during the year, 149 were first offenders, 59 were convicted for the second time, 38 for the third time. 69 were convicted for more-than-the-third time and this number includes 40 convicted for breach of the Liquor Control Act, the usual sentence being one, two or three months. The absurdity of such short sentences being served here has been pointed out by the positive failures as reflected in the statistics which show repeaters serving their seventeenth term in this institution.

Several women discharged during the year are reported to be doing well and a number are engaged in war work. Many former inmates keep in touch with members of our staff.

Let me here thank the devoted visitors who not only assist the women while they are confined in the Reformatory but who continue their interest in them after they have left this institution. I wish to thank also the ministers of the different denominations, the Salvation Army and others for the services conducted here. To the many kind friends who have remembered our inmates with gifts on holiday occasions, and to those who have placed their talents at our disposal for concerts and entertainments, our thanks are sincerely tendered. Throughout the year I have had loyal and efficient assistance from the staff.

I wish to thank the Honourable the Provincial Secretary and you, Sir, for your cordial support in all matters relating to the management of this institution.

I have the honour to be,

Your obedient servant,

JEAN MILNE,
Superintendent.

Board of Parole

ANNUAL REPORT OF THE ONTARIO BOARD OF PAROLE

For the Year Ending March 31st, 1942.

The great essential work of the Ontario Parole Board is the re-establishing of the offender and his restoration to society as a respected citizen, yet, there is an unsentimental monetary side to the work as well. A man inside an institution is a decided liability, owing to the cost of maintenance by the Province, but on going out to remunerative work he becomes an asset, whole families are by the one process removed from dependence upon charitable organizations and municipal relief. The Ontario Parole System has, through its efforts during the year just ended, proved an effective instrument of rehabilitation. Through the closer supervision of men and women under this System, particularly toward home and family obligations, a decided improvement has been evidenced.

The Ontario Parole Board through the year just ended has been successful in the rehabilitation of many persons sentenced to indeterminate terms in the different provincial reformatories. Much of this success can be attributed to the co-operation the Parole Office has received from the various local and charitable organizations throughout the province, the members of which are interested in the welfare of those in their community who had come in conflict with the law.

The personnel of the Board was not changed during the year and is composed of : J. F. McKinley, L. J. Long, A. F. Hatch, R. S. Clark, W. B. Common and Mrs. S. Strachan.

The Executive Staff of the Board is comprised of C. F. Swayze, Chief Officer and Secretary, G. R. Trumbell, Assistant Parole Officer, four stenographers and one filing clerk.

The Board wishes to again express its appreciation to the various Chiefs of Police throughout the Province, the Provincial Police, the Royal Canadian Mounted Police and the Salvation Army for the splendid assistance they have given in this work.

Number of Meetings held during the fiscal year ending March 31, 1942		31
Paroles authorized		610
Paroles put into effect		547
Re-convicted :		
Paroled previous to March 31st, 1941	2	
Paroled during the Fiscal Year	20	
	—	22

Sent Back and Parole Cancelled :

Paroled previous to March 31, 1941	2		
Paroled during the Fiscal Year	8		
		10	

Disappeared :

Paroled previous to March 31, 1941	4		
Paroled during the Fiscal Year	12		
		16	
			48

Total Failures :

Paroled previous to March 31, 1941	8		
Paroled during the Fiscal Year	40		
			48

Paroled :

Men	454		
Women	93		
			547........

Failures 7.3%

J. F. McKINLEY,
Chairman.

The Salvation Army

A REPORT OF THE PRISON, JAILS AND POLICE COURT WORK IN THE PROVINCE OF ONTARIO.

For the Year Ending June 30, 1941

We submit a brief report of the work done by The Salvation Army in the Prisons, Jails and Police Courts of the Province of Ontario.

Our officers are continually in touch with the inmates of the various institutions, and men discharged, who have no place of residence are accommodated at our Hostels while they are seeking work or arranging to return to relatives. In Toronto, Ottawa, London, Hamilton, Windsor, Sudbury, Port Arthur, and many other centres accommodation is given discharged prisoners, and our officers look after the interest of discharged men and their families.

Mny ex-prisoners tell us they have great difficulty in obtaining employment when released from an Institution, unless they have someone to make an approach to the employer for them. When they are asked on an employment application—"where last employed"—they are afraid to answer the question truthfully in case they will not be accepted. The Salvation Army have overcome this difficulty to a great extent by having their representative make the approach to the employer for them. We are pleased to report that most employers give good response to our requests for we have been successful in securing work for 577 during the past year.

Prisoners' Welfare Work

The law-breaker must be punished but it is sad that the innocent should suffer at home for the wrong-doer. The Salvation Army, as far as funds will permit, strives to alleviate the conditions of the dependents of prisoners. In practically every town and city where The Salvation Army is operating, families of the men sent to prison are visited and reports sent to Headquarters monthly.

The experience of The Salvation Army proves that there is no effort in the permanent reformation of the wrong-doer so powerful as the personal touch of practical religion. Therefore, it is the spiritual welfare of the prisoner that The Salvationist urgently appeals to by means of personal interviews and religious meetings. As a result of religious services conducted in Ontario Prisons during the year, and thousands of personal interviews, many are encouraged to live good Christian lives.

We are sincerely grateful for the co-operation given us by the Judges, Magistrates, Crown Attorneys, and other officials responsible for the administration of the law.

REPORT OF PRISONS, JAILS AND POLICE COURT WORK FOR THE PROVINCE OF ONTARIO, YEAR ENDING JUNE 30, 1941

Visits to Jails, Prisons and Police Courts, including visits when services are held	4,527
Interviews with men	18,203
Religious Services conducted in Prisons and Jails	1,486
Meals and Beds supplied free	10,546
Men discharged and placed in care of the S. A.	1,945
Letters written and phone calls made in order to bring about reconciliation, or secure employment, etc.	5,900
Visits made to homes, also prospective employers, etc.	2,617
Number for whom employment is found—including those returned to former positions, or sent back to parents or friends	1,126
Number provided with clothing	1,003

Note—Gifts are made to men and women at Christmas at all Prisons and Jails.

STATEMENT OF INCOME AND EXPENDITURE FOR THE FISCAL YEAR ENDED SEPTEMBER 30th, 1941

Expenditure

To Assistance to Prisoners and Dependents		$ 3,482.82
To Expenses of Officers engaged in Prison and Police Court Work :—		
Toronto		
Head Office—Salaries, Rents, Office Expenses, etc.		2,046.15
Burwash		
Salaries	$1,096.00	
Rents	63.00	
Incidentals	314.92	
		1,473.92
Guelph		
Salaries	499.92	
Incidentals	163.11	
		663.03
Toronto—Men's Section		
Salaries	1,761.00	
Rents	745.00	
Travelling	151.93	
Incidentals	346.96	
		3,004.89
Toronto—Women's Section		
Salaries	738.25	
Rents	104.00	
Travelling	102.34	
Incidentals	254.55	
		1,199.14
Kingston		
Salaries	1,170.00	
Travelling	86.65	
Incidentals	124.62	
		1,381.27
Mimico		
Incidentals		51.40
		$13,302.62

Income

By Grants	
Province of Ontario	$ 7,500.00
City of Toronto	1,650.00
City of Kingston	840.00
Donations	225.00
Deficit	3,087.53
	$13,302.62

Annual Report upon the

Gaols of Ontario

FOR THE YEAR ENDING MARCH 31, 1942

1. City Gaols (Toronto and Hamilton)	2
County Gaols	35
District Gaols	10
Total number of Gaols in Ontario	47
2. Total expenditure for Gaol Maintenance in Ontario :	
For year ending March 31, 1941	$600,980.46
For year ending March 31, 1942	548,762.62
3. Average Maintenance cost per day per prisoner :	
For year ending March 31, 1941	1.14
For year ending March 31, 1942	1.28
4. Average dietary cost per day per prisoner :	
For year ending March 31, 1941	.1597
For year ending March 31, 1942	.1818
5. Number of prisoners committed :	
For year ending March 31, 1941	30,875
For year ending March 31, 1942	27,225
Decrease	3,650
6. Number of prisoners sentenced :	
For year ending March 31, 1941	25,627
For year ending March 31, 1942	19,652
Decrease	5,975

COMMITMENTS

	1940-41	1941-42	Decreace	Increase
Murder	15	15	—	—
Manslaughter	44	46	—	2
Crimes :				
Against the person	1,121	1,037	84	—
Against Property	6,806	5,623	1,183	—
Against Public Morals and Decency	1,067	853	214	—
Against Order and Peace	18,831	16,929	1,902	—
Mentally Ill	521	426	95	—
Number of days stay of prisoners	527,672	427,560	100,112	—
Escapes	4	14	—	10
Escaped and Recaptured	4	13	—	9
Deaths in Gaols	7	9	—	2

The following tables show total Sex, Social Conditions, Habits and Education Status of all prisoners committed :

SEX

	1940-41	1941-42
Male	28,318	24,806
Female	2,557	2,419

SOCIAL CONDITIONS

Married	10,815	9,781
Unmarried	20,060	17,444

HABITS

Temperate	9,940	9,058
Intemperate	20,935	18,167

EDUCATIONAL

Could read or write	29,484	26,305
Could neither read nor write	1,391	920

The following table shows the Nationality and Occupations of all prisoners committed:

NATIONALITY

	1940-41	1941-42
Canadian Born	23,423	21,277
English	1,829	1,330
Irish	976	727
Scotch	978	1,021
United States	618	699
Other Countries	3,051	2,171

OCCUPATIONS

Agricultural	1,233	798
Commercial	4,071	3,120
Domestic	2,258	2,305
Labourers	17,848	14,510
Mechanics	3,439	3,092
Professional	511	475
Soldiers	166	1,813
Sailors	....	4
No Occupations	1,349	1,108

NUMBER OF TIMES COMMITTED

	1940-41	%	1941-42	%
First Time	15,451	50.1	15,106	55.5
Second Time	4,799	15.5	3,889	14.3
Third Time	3,957	12.8	2,200	8.1
More than Third Time	6,668	21.6	6,030	22.1

NUMBER OF PRISONERS COMMITTED REPORTED AS DRUG ADDICTS:

Goderich	2	Peterborough	7
Guelph	1	St. Catharines	1
Hamilton	6	Toronto	147
Kitchener	1	Welland	4
London	1	Windsor	2
Milton	1	Woodstock	1
Owen Sound	3	Port Arthur	11
			188

NUMBER OF PRISONERS SENTENCED TO CORPORAL PUNISHMENT:

Brantford	1	Toronto	3
Cayuga	3	Welland	7
Guelph	1	Parry Sound	2
Hamilton	6	Sudbury	1
London	1		
			25

Offences for which prisoners were committed and sentenced during the year.

A. CRIMES AGAINST THE PERSON

	COMMITMENTS			SENTENCES		
	Male	Female	Total	Male	Female	Total
Abduction	10	2	12	7	1	8
Abortion	5	7	12	4	1	5
Assault, Common	479	19	498	284	9	293
Assault, Felonious	254	11	265	188	8	196
Attempted Suicide	31	15	46	16	6	22
Cutting and wounding and attempting same	36	3	39	24	1	25
Shooting with intent	6	....	6	3	....	3
Stabbing	....	....	....	....	....	....
Manslaughter	41	5	46	13	3	16
Murder	13	2	15	2	....	2
Carnal Knowledge	68	1	69	45	1	46
Rape and Assault with intent to rape	29	....	29	11	....	11
Total	972	65	1,037	597	30	627

B. CRIMES AGAINST PROPERTY

	COMMITMENTS			SENTENCES		
	Male	Female	Total	Male	Female	Total
Arson and Incendiarism	12	2	14	9	....	9
Breaking, Enter and Theft	1,047	18	1,065	824	15	839
Robbery	193	4	197	125	2	127
Forgery	100	16	116	82	12	94
Fraud	171	14	185	95	6	101
False Pretenses	237	13	250	177	8	185
Larceny and Theft	2,414	197	2,611	1,710	114	1,824
Theft of Cars	510	4	514	374	1	375
Taking without owners consent	252	....	252	202	....	202
Receiving stolen goods	221	20	241	158	9	167
Trespass	169	9	178	127	3	130
Total	5,326	297	5,623	3,883	170	4,053

Offences for which prisoners were committed and sentenced during the year.

C. CRIMES AGAINST PUBLIC MORALS AND DECENCY

	COMMITMENTS			SENTENCES		
	Male	Female	Total	Male	Female	Total
Bigamy	21	9	30	16	4	20
Indecent Assault	163	....	163	114	....	114
Indecent Exposure	83	11	94	61	4	65
Incest	14	1	15	9	....	9
Inmates and frequenters of Houses of ill-fame	63	59	122	42	33	75
Keeping Houses of ill-fame	39	130	169	30	62	92
Juvenile Delinquency	125	37	162	74	23	97
Perjury	30	7	37	23	3	26
Prostitution	....	32	32	....	19	19
Seduction	9	....	9	6	....	6
Buggery	20	....	20	13	....	13
Total	567	286	853	388	148	536

D. CRIMES AGAINST PUBLIC ORDER AND PEACE

	COMMITMENTS			SENTENCES		
	Male	Female	Total	Male	Female	Total
Breaches of the Liquor Control Act.	3,622	271	3,893	3,253	230	3,483
Breaches of the Excise Act	43	2	45	34	2	36
Breaches of the Narcotic and Drug Act	45	10	55	43	4	47
Breaches of the By-Laws (Do not include B.L.C.A.)	145	3	148	125	2	127
Breaches of the Highways Traffic Act.	441	8	449	385	5	390
Carrying unlawful weapons	93	6	99	64	2	66
Cruelty to animals	16	....	16	10	....	10
Drunk and Disorderly (Do not include B.L.C.A.)	6,959	560	7,519	5,470	356	5,826
Drunk driving an Automobile	1,093	10	1,103	1,024	9	1,033
Escaping from Constable	6	1	7	6	1	7
Escaping from prison or gaol	27	3	30	25	2	27
Gambling	84	....	84	49	....	49
Obstructing an Officer	131	3	134	65	2	67
Selling or giving liquor to Indians (Do not include B.L.C.A.)	117	22	139	112	21	133
Vagrancy	2,675	533	3,208	1,683	264	1,947
Total	15,497	1,432	16,929	12,348	900	13,248
E. OTHER OFFENCES NOT ENUMERATED ABOVE	2,444	339	2,783	1,050	138	1,188
GRAND TOTAL (Totals of A, B, C, D, and E).	24.806	2,419	27,225	18,266	1,386	19,652

TABLE

Showing of Names and Salaries of various Goal

CITY and COUNTY GAOLS	Names of Officials			
	Sheriffs	Gaolers	Chief Matrons	Chief Turnkeys
Barrie	E. C. Drury	E. M. Garrity	Mrs. E. Garrity	G. Gilchrist
Belleville	J. D. O'Flynn	G. H. French	" E. French	J. Samain
Brampton	F. S. Hutchison	J. A. Hillson	" K. Hillson	J. Young
Brantford	C. S. Tapscott	J. Cook	" E. Cook	H. Slaught
Brockville	F. J. Gill	F. J. Heffernan	" E. M. Heffernan	J. Harrison
Cayuga	R F. Miller	J. B. Smith	" A. Smith	W. J. Spittal
Chatham	E. W. Hardy	P. J. Daigneau	" G. Daigneau	W. Henley
Cobourg	J. T. Fields	F. J. Wright	" V. Wright	I. Palen
Cornwall	A. I. Macdonnell	J. S. Dickey	" B. Dickey	J. Cowley
Goderich	W. N. Hill	J. B. Reynolds	" J. Reynolds	K. White
Guelph	H.C. Waind	J. Clarke	" J. Clarke	J. Borland
Hamilton*	A. C. Caldwell	F. V. Lalonde	" E. Lalonde	T. J. Hickmott
Kingston	F. .L Davies	J. T. Hawkey	" G. Hawkey	J. McKeown
Kitchener	G. H. Gillies	E. Langridge	" V. Langridge	A. Woelfle
Lindsay	A. J. Campbell	H. W. Stone	" E. Stone	C. A. Grozelle
London	D. A. Graham	C. H. Mitchell	" J. North	W. K. Gray
L'Orignal	A. Landriault	A. Gelineau	" A. Gelineau	E. Seguin
Milton	W. J. L. Hampshire	F. McNiven	" R. McNiven	V. F. Hall
Napanee	J. T. Haycock	G. L. McCabe	" G. L. McCabe	C. A. Mooney
Orangeville	T. K. Slack	H. A. Coutts	" M. Coutts	D. Lyon
Ottawa	S. Crooks	I. A. Sutherland	" B. Samson	A. Nicol
Owen Sound	T. J. Rutherford	T. A. Ramage	" J. Ramage	J. Grimoldhy
Pembroke	A. Morris	A. G. Brown	" A. Brown	C. Poupore
Perth	J. S. L. McNeely	W. R. Somerville	" W. Somerville	A. E. Manson
Peterboro	F. J. A. Hall	T. D. Johnston	" E. Johnston	W. Wood
Picton	A. E. Bowerman	W. McWilliams	" V. McWilliams	L. Bond
St. Catharines	F. J. Graves	J. J. Dundas	" L. Dundas	R. J. Venn
St. Thomas	I. D. Cameron	C. P. Ermatinger	" R. B. Donaldson	R. B. Donaldson
Sarnia	A. J. Johnston	E. J. Mott	" C. Mott	G. Gilbert
Simcoe	W. Mason	G. Mercel	" J. Mercel	H. Eames
Stratford	H. D. Lang	A. T. Trethewy	" A. Trethewy	H. Nichol
Toronto*	W. H. Cane	W. L. Rayfield	" M. Peers	A. Edwards
Walkerton	H. A. McGillivray	A. E. Ferguson	" M. Ferguson	A. T. McDougall
Welland	V. L. Davidson	D. Sharp	" D. Stewart	C. Stewart
Whitby	H. Bascom	H. F. Lucas	" I. E. Lucas	W. Pellow
Windsor	A. A. Marentette	J. W. Warden	" J. Warden	J. T. Morkin
Woodstock	C. E. Sutherland	J. L. Skinner	" G. K. Skinner	M. D. Hamilton
DISTRICT GAOLS				
Bracebridge	C. S. Salmon	C. Reynolds	Mrs. C. Reynolds	
Fort Frances	C. L. Sundin	J. E. King	" J. E. King	J. Miller
Gore Bay	W. I. Wagg	R. McDermid	" R. McDermid	
Haileybury	H. Clifford	A. T. Humphreys	" C. Terrill	J. B. Anderson
Kenora	L. D. MacCallum	E. W. Cox	" F. Cox	H. R. Warner C. Howard
North Bay	A. R. Girard	E. J. Turner R. England	" F. Valin	W. Laderoute
Parry Sound	J. E. Armstrong	T. W. Keating	" T. Keating	W. J. Tait
Port Arthur	H. Thompson	G. F. Lasseter	Miss M. McNeill	C. M. Smith
Sault Ste. Marie	R. E. Stone	W. Johnson	Mrs. H. Johnson	J. MacLeod
Sudbury	M Arthur	J. Galbraith	" J. Galbraith	R. Cornthwaite

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* City Gaols.

No. 1.
Officials for the Year Ending March 31st, 1942.

CITY and COUNTY GAOLS	Gaol Surgeons	Salaries of Officials				
		Gaolers	Matrons	Other Officers	Surgeons	Total
Barrie	Dr. L. H. Bigelow	$1,260.00	$ 420.00	$3,496.75	$ 486.00	$5,662.75
Belleville	" R. M. Anderson	714.58	408.33	1,888.50	500.00	3,511.41
Brampton	" W. Brydon	970.81	255.20	950.00	117.00	2,293.01
Brantford	" R. H. Palmer	1,531.25	510.44	4,851.55	379.00	7,272.24
Brockville	" D. I. Matheson	1,173.95	204.16	2,232.77	354.00	3,964.88
Cayuga	" D. R. Weylie	1,122.90	204.15	1,102.80	140.00	2,569.85
Chatham	" J. S. Ferguson	1,327.07	408.34	4,056.72	350.00	6,142.13
Cobourg	" A. R. Richards	1,038.28	212.87	1,075.91	305.00	2,632.06
Cornwall	" J. A. McGuire	1,613.34	302.50	4,088.59	368.00	6,372.43
Goderich	" A. H. Taylor	1,054.25	226.87	1,126.50	125.00	2,532.62
Guelph	" A. B. McCarter	1,191.66	306.25	2,679.37	200.00	4,377.28
Hamilton*	" H. R. McAlister	2,058.33	728.64	17,048.00	1,040.82	20,875.79
Kingston	" P. H. Huyck	1,360.35	398.00	2,299.39	350.96	4,408.70
Kitchener	" G. D. McTaggart	1,329.15	408.40	3,968.56	500.00	6,206.11
Lindsay	" M. F. White	1,200.00	240.00	1,424.75	150.00	3,014.75
London	" D. H. Hogg	1,653.75	765.62	11,299.73	700.00	14,419.10
L'Orignal	" R. Laviolette	915.00	274.50	1,138.34	250.00	2,577.84
Milton	" C. K. Stevenson	918.50	255.29	885.00	200.00	2,258.79
Napanee	" T. M. Galbraith	932.50	232.08	1,132.50	200.00	2,497.08
Orangeville	" J. W. Leach	1,225.00	306.75	1,074.07	125.00	2,730.82
Ottawa	" J. F. Argue	1,837.50	663.56	15,676.56	365.00	18,542.62
Owen Sound	" R. Howey	1,225.00	306.25	1,692.75	250.00	3,474.00
Pembroke	" A. J. Sparling	1,739.55	234.40	1,220.95	100.00	3,294.90
Perth	" J. F. Noonan	1,110.80	204.11	1,165.08	504.16	2,984.15
Peterboro	" J. A. Morgan	1,036.17	306.85	2,339.38	200.00	3,882.40
Picton	" A. W. Hart	708.75	202.49	630.04	150.00	1,691.28
St. Catharines	" L. H. Werden	1,220.00	305.00	2,600.55	416.00	4,541.55
St. Thomas	" D. L. Ewin	1,449.60	....	2,612.58	299.50	4,361.68
Sarnia	" W. B. Rutherford	1,097.50	408.35	2,246.50	300.00	4,052.35
Simcoe	" K. McIntosh	857.50	255.20	1,496.00	75.00	2,683.70
Stratford	" M. J. Fraser	1,121.75	459.40	1,649.00	150.00	3,380.15
Toronto*	" J. Chassels	2,894.23	1,459.73	63,978.02	375.00	69,461.11
	" W. H. Hills				754.13	
Walkerton	" W. A. Hall	1,020.85	204.18	1,264.35	150.00	2.639.38
Welland	" C. R. Hignell	1,734.43	260.76	3,674.28	396.00	6,065.47
Whitby	" C. F. McGillivray	958.34	255.21	2,815.00	221.25	4,249.80
Windsor	" C. J. Hemond	1,650.00	577.50	13,056.06	918.75	16.202.31
Woodstock	" C. M. McKay	1,122.92	306.25	1,621.33	200.00	3,250.50
DISTRICT GAOLS						
Bracebridge	Dr. E. G. Ellis	1,482.85	200.00	467.00	150.00	2,299.85
Fort Frances	" J. F. O'Donnell	1,905.40	300.00	3,782.55	199.92	6,187.87
Gore Bay	" S. Rosenthal	1,482.85	300.00	119.00	191.03	2,092.88
Haileybury	" W. C. Arnold	2,017.50	606.25	8,539.15	400.00	11,562.90
Kenora	" W. J. Gunne	2,073.54	300.00	5,854.36	300.00	8,527.90
North Bay	" E. J. Brennen	848.65	606.25	8,322.86	350.00	11,231.35
		1,103.59				
Parry Sound	" A. J. L. Wright	1,594.55	362.50	2,742.50	250.00	4,949.55
Port Arthur	" W. W. Smith	2,208.25	556.25	14,736.41	400.00	17,900.91
Sault Ste. Marie	" S. E. Fleming	1,626.39	327.74	3,934.77	300.00	6,188.90
Sudbury	" J. F. McCullough	2,208.26	300.00	10,791.57	720.00	14,019.83

TABLE
MOVEMENT OF

CITY and COUNTY GAOLS	Number Remaining in custody on remand Mar. 31st, 1941			Number Remaining in custody awaiting trial Mar. 31st, 1941			Number Remaining in custody serving unexpired sentences or for other reasons Mar. 31st, 1941			Number Committed during the year ending March 31st, 1942		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	8	.....	8	.....	.....	.....	15	1	16	389	49	438
Belleville	1	.....	1	.....	.....	.....	25	1	26	376	46	422
Brampton	1	.....	1	.....	.....	.....	1	.....	1	113	3	116
Brantford	.....	.....	.....	.....	.....	.....	8	2	10	327	30	357
Brockville	3	.....	3	.....	.....	.....	10	2	12	283	31	314
Cayuga	.....	.....	.....	1	.....	1	3	1	4	94	5	99
Chatham	3	.....	3	.....	.....	.....	20	.....	20	339	23	362
Cobourg	.....	.....	.....	.....	.....	.....	9	.....	9	300	21	321
Cornwall	2	.....	2	.....	.....	.....	21	.....	21	368	31	399
Goderich	.....	.....	.....	.....	.....	.....	3	1	4	80	1	81
Guelph	.....	.....	.....	.....	.....	.....	14	1	15	292	14	306
Hamilton*	13	1	14	1	.....	1	93	2	95	1,644	174	1,818
Kingston	3	.....	3	.....	.....	.....	11	.....	11	328	43	371
Kitchener	12	.....	12	.....	.....	.....	18	.....	18	454	45	499
Lindsay	.....	.....	.....	.....	.....	.....	4	1	5	72	8	80
London	1	1	2	.....	.....	.....	48	3	51	1,044	135	1,179
L'Orignal	5	.....	5	.....	.....	.....	7	.....	7	114	12	126
Milton	.....	.....	.....	.....	.....	.....	3	.....	3	82	5	87
Napanee	.....	.....	.....	.....	.....	.....	2	.....	2	68	5	73
Orangeville	.....	.....	.....	.....	.....	.....	.....	.....	.....	40	.....	40
Ottawa	16	.....	16	3	.....	3	62	.....	62	1,492	130	1,622
Owen Sound	.....	.....	.....	.....	.....	.....	3	1	4	294	17	311
Pembroke	3	.....	3	.....	.....	.....	12	.....	12	339	45	384
Perth	.....	.....	.....	2	.....	2	5	.....	5	112	2	114
Peterboro	3	.....	3	3	.....	3	18	1	19	245	15	260
Picton	.....	.....	.....	.....	.....	.....	2	.....	2	61	6	67
St. Catharines	1	.....	1	.....	.....	.....	11	.....	11	253	6	259
St. Thomas	1	.....	1	.....	.....	.....	6	.....	6	213	9	222
Sarnia	3	.....	3	.....	.....	.....	3	.....	3	254	16	270
Simcoe	1	.....	1	1	.....	1	3	1	4	181	16	197
Stratford	.....	.....	.....	.....	.....	.....	2	.....	2	102	6	108
Toronto*	57	6	63	12	1	13	255	26	281	7,720	836	8,556
Walkerton	1	.....	1	.....	.....	.....	4	1	5	100	7	107
Welland	1	.....	1	1	.....	1	34	1	35	673	24	697
Whitby	2	.....	2	.....	.....	.....	14	.....	14	424	37	461
Windsor	7	.....	7	3	1	4	32	8	40	929	93	1,022
Woodstock	2	.....	2	.....	.....	.....	6	.....	6	142	4	146
DISTRICT GAOLS												
Bracebridge	.....	.....	.....	.....	.....	.....	2	.....	2	101	3	104
Fort Frances	1	.....	1	.....	.....	.....	6	.....	6	161	8	169
Gore Bay	.....	.....	.....	2	.....	2	1	.....	1	25	.....	25
Haileybury	.....	.....	.....	3	.....	3	61	3	64	613	55	668
Kenora	27	5	32	.....	.....	.....	.....	.....	.....	278	16	294
North Bay	4	4	8	2	.....	2	24	2	26	384	49	433
Parry Sound	.....	.....	.....	.....	.....	.....	10	3	13	427	35	462
Port Arthur	11	1	12	4	.....	4	109	7	116	1,140	132	1,272
Sault Ste. Marie	3	1	4	.....	.....	.....	17	.....	17	260	40	300
Sudbury	6	.....	6	.....	.....	.....	50	5	55	1,076	131	1,207
Totals	202	19	221	38	2	40	1,067	74	1,141	24,806	2,419	27,225

* City Gaols

No. 2.

GAOL POPULATION.

CITY and COUNTY GAOLS	Total number in custody during year			Number released on bail			Number Acquitted and released			Number released by order of judge or court without trial		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	412	50	462	5	...	5	11	....	11	1	....	1
Belleville	402	47	449	.....	...	.....	30	12	42	5	....	5
Brampton	115	3	118	2	...	2	7	1	8	5	....	5
Brantford	335	32	367	12	1	13	88	14	102	.....	....	.....
Brockville	296	33	329	4	...	4	4	....	4	2	1	3
Cayuga	98	6	104	5	1	6	8	2	10	.....	....	.....
Chatham	362	23	385	8	1	9	16	4	20	.....	....	.....
Cobourg	309	21	330	29	3	32	16	1	17	1	....	1
Cornwall	391	31	422	.....	1	1	1	....	1	1	....	1
Goderich	83	2	85	7	...	7	4	....	4	1	....	1
Guelph	306	15	321	13	1	14	28	1	29	1	....	1
Hamilton*	1,751	177	1,928	31	7	38	189	38	227	7	4	11
Kingston	342	43	385	2	1	3	29	2	31	.....	2	2
Kitchener	484	45	529	4	...	4	112	9	121	4	2	6
Lindsay	76	9	85	.....	...	.....	6	....	6	.....	....	.....
London	1,093	139	1,232	9	...	9	64	15	79	5	2	7
L'Orignal	126	12	138	19	1	20	6	1	7	.....	....	.....
Milton	85	5	90	.....	...	.....	2	1	3	2	....	2
Napanee	70	5	75	3	...	3	...	....	......	4	....	4
Orangeville	40	......	40	8	...	8	2	....	2	.....	....	.....
Ottawa	1,573	130	1,703	11	1	12	292	42	334	28	3	31
Owen Sound	297	18	315	4	1	5	9	4	13	2	....	2
Pembroke	354	45	399	3	1	4	2	....	2	5	1	6
Perth	119	2	121	.....	...	.....	1	....	1	1	....	1
Peterboro	269	16	285	2	...	2	34	5	39	1	....	1
Picton	63	6	69	.....	...	.....	1	....	1	6	1	7
St. Catharines	265	6	271	3	...	3	30	1	31	.....	....	.....
St. Thomas	220	9	229	13	...	13	4	....	4	8	....	8
Sarnia	260	16	276	.....	...	.....	21	1	22	3	1	4
Simcoe	186	17	203	38	7	45	4	....	4	2	....	2
Stratford	104	6	110	7	1	8	....	....	......	1	....	1
Toronto*	8,044	869	8,913	1,270	198	1,468	....	....	......	76	2	78
Walkerton	105	8	113	14	...	14	7	1	8	.....	....	.....
Welland	709	25	734	37	1	38	42	6	48	5	....	5
Whitby	440	37	477	6	1	7	17	2	19	2	1	3
Windsor	971	102	1,073	4	...	4	61	25	86	13	....	13
Woodstock	150	4	154	20	1	21	12	1	13	.....	....	.....
DISTRICT GAOLS												
Bracebridge	103	3	106	.....	...	.....	11	....	11	3	....	3
Fort Frances	168	8	176	1	...	1	18	2	20	4	....	4
Gore Bay	28	......	28	1	...	1	3	....	3	.....	....	.....
Haileybury	677	58	735	9	1	10	11	2	13	4	1	5
Kenora	305	21	326	6	1	7	23	3	26	.....	....	.....
North Bay	414	55	469	4	...	4	32	6	38	2	....	2
Parry Sound	437	38	475	7	...	7	22	6	28	.....	....	.....
Port Arthur	1,264	140	1,404	.....	...	.....	....	....	......	74	9	83
Sault Ste. Marie	280	41	321	1	...	1	1	....	1	81	13	94
Sudbury	1,132	136	1,268	33	2	35	1	....	1	8	4	12
Totals	26,113	2,514	28,627	1,655	233	1,888	1,282	208	1,490	368	47	415

TABLE

MOVEMENT OF

CITY and COUNTY GAOLS	Number with option of a fine or gaol term who paid fines and were released			Number released on suspended sentences			Number released for any other reason		
	M.	F.	T.	M.	F.	T	M.	F.	T.
Barrie	67	10	77	8	14	22	78	7	85
Belleville	59	3	62	29	6	35	33	......	33
Brampton	32	......	32	9	1	10	2	......	2
Brantford	17	1	18	13	4	17	5	......	5
Brockville	15	4	19	16	3	19	5	......	5
Cayuga	15	1	16	6	1	7	6	......	6
Chatham	7	1	8	62	1	63	1	......	1
Cobourg	51	1	52	39	6	45	27	2	29
Cornwall	23	1	24	24	1	25	117	7	124
Goderich	9	......	9	10	......	10	3	1	4
Guelph	77	3	80	22	3	25	1	......	1
Hamilton*	92	13	105	117	26	143	......	......	......
Kingston	61	3	64	27	9	36	16	3	19
Kitchener	63	2	65	74	15	89	1	......	1
Lindsay	12	......	12	10	1	11	2	......	2
London	90	13	103	44	18	62	17	......	17
L'Orignal	11	1	12	5	3	8	16	......	16
Milton	14	......	14	7	1	8	2	......	2
Napanee	18	1	19	9	1	10	5	......	5
Orangeville	2	......	2	3	......	3	2	......	2
Ottawa	54	4	58	117	21	138	3	1	4
Owen Sound	9	4	13	13	1	14	45	......	45
Pembroke	5	......	5	41	9	50	108	10	118
Perth	14	......	14	12	......	12	2	......	2
Peterboro	23	2	25	6	2	8	1	1	2
Picton	4	......	4	7	......	7	17	3	20
St. Catharines	15	1	16	7	......	7	2	1	3
St. Thomas	18	1	19	30	1	31	7	1	8
Sarnia	24	2	26	20	4	24	16	......	16
Simcoe	28	1	29	10	1	11	34	4	38
Stratford	3	......	3	3	......	3	24	2	26
Toronto*	770	140	910	235	33	268	1,032	201	1,233
Walkerton	8	1	9	13	......	13	......	......	......
Welland	42	7	49	24	2	26	5	......	5
Whitby	84	12	96	28	8	36	1	......	1
Windsor	71	6	77	90	5	95	43	30	73
Woodstock	7	......	7	7	......	7	6	......	6
DISTRICT GAOLS									
Bracebridge	4	1	5	3	......	3	......	......	......
Fort Frances	45	1	46	33	......	33	......	......	......
Gore Bay	4	......	4	2	......	2	......	......	......
Haileybury	23	2	25	7	......	7	3	2	5
Kenora	32	......	32	13	2	15	......	......	......
North Bay	25	5	30	68	7	75	2	1	3
Parry Sound	185	15	200	9	......	9	42	3	45
Port Arthur	110	14	124	25	6	31	1	4	5
Sault Ste. Marie	20	2	22	3	2	5	......	......	......
Sudbury	109	9	118	41	4	45	355	70	425
Totals	2,471	288	2,759	1,401	222	1,623	2,088	354	2,442

* City gaols.

No. 2 (Continued).

GAOL POPULATION.

CITY and COUNTY GAOLS	Number Discharged on expiration of sentence			Number Transferred to Other Institutions			Number Sentenced and deported direct from gaol		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	136	9	145	88	8	96	.....	.....	.....
Belleville	178	7	185	46	13	59	1	.....	1
Brampton	25	....	25	25	....	25	.....	.....	.....
Brantford	146	6	152	41	6	47	.....	.....	.....
Brockville	168	6	174	62	19	81	4	.....	4
Cayuga	43	....	43	11	....	11	2	1	3
Chatham	206	8	214	47	7	54	.....	.....	.....
Cobourg	114	3	117	19	4	23	.....	.....	.....
Cornwall	171	6	177	39	13	52	.....	.....	.....
Goderich	25	1	26	20	....	20	.....	.....	.....
Guelph	103	1	104	50	6	56	.....	.....	.....
Hamilton*	906	40	946	334	44	378	3	....	3
Kingston	150	8	158	36	10	46	1	1	2
Kitchener	138	5	143	68	12	80	.....	.....	.....
Lindsay	31	1	32	13	6	19	.....	.....	.....
London	653	63	716	185	24	209	2	.....	2
L'Orignal	43	4	47	23	2	25	.....	.....	.....
Milton	38	....	38	12	3	15	.....	.....	.....
Napanee	18	1	19	12	1	13	.....	.....	.....
Orangeville	13	....	13	7	......	7	.....	.....	.....
Ottawa	905	38	943	98	11	109	.....	.....	.....
Owen Sound	161	3	164	44	5	49	.....	.....	.....
Pembroke	138	14	152	37	9	46	.....	.....	.....
Perth	81	1	85	3	....	3	.....	.....	.....
Peterboro	158	5	163	29	1	30	.....	.....	.....
Picton	22	2	24	4	....	4	.....	.....	.....
St. Catharines	160	1	161	30	2	32	.....	.....	.....
St. Thomas	108	6	114	21	....	21	.....	.....	.....
Sarnia	130	5	135	30	3	33	1	.....	1
Simcoe	56	4	60	11	....	11	.....	.....	.....
Stratford	44	....	44	12	2	14	.....	.....	.....
Toronto*	2,259	167	2,426	2,109	103	2,212	9	1	10
Walkerton	47	3	50	14	2	16	.....	.....	.....
Welland	425	7	432	94	2	96	4	.....	4
Whitby	207	4	211	81	9	90	.....	.....	.....
Windsor	522	16	538	103	14	117	7	.....	7
Woodstock	64	2	66	28	....	28	1	.....	1
DISTRICT GAOLS									
Bracebridge	53	1	54	27	1	28	.....	.....	.....
Fort Frances	46	3	49	15	2	17	.....	.....	.....
Gore Bay	15	....	15	3	....	3	.....	.....	....
Haileybury	406	29	435	173	16	189	.....	.....	.....
Kenora	169	10	179	47	3	50	1	.....	1
North Bay	161	7	168	98	25	123	.....	.....	.....
Parry Sound	142	8	150	24	4	28	.....	.....	.....
Port Arthur	827	56	883	148	43	191	.....	.....	.....
Sault Ste. Marie	103	15	118	47	7	54	.....	.....	.....
Sudbury	371	16	387	172	22	194	1	.....	1
Totals	11,088	592	11,680	4,640	464	5,104	37	3	40

TABLE

MOVEMENT OF

CITY and COUNTY GAOLS	Died before trial			Died while undergoing sentence			Escaped and not recaptured during year			Number remaining in custody on remand March 31st, 1942		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie										4		4
Belleville										5	2	7
Brampton										3		3
Brantford										4		4
Brockville										1		1
Cayuga												
Chatham				1		1				1	1	2
Cobourg										3		3
Cornwall										2		2
Goderich										1		1
Guelph										1		1
Hamilton*	1		1							17	3	20
Kingston										6	3	9
Kitchener										2		2
Lindsay												
London										3	1	4
L'Orignal												
Milton										2		2
Napanee												
Orangeville												
Ottawa	1		1							18	7	25
Owen Sound												
Pembroke										3	1	4
Perth											1	1
Peterboro										1		1
Picton												
St. Catharines							1		1			
St. Thomas												
Sarnia												
Simcoe										3		3
Stratford				1		1					1	1
Toronto*				3		3				43	4	47
Walkerton												
Welland	1		1							5		5
Whitby										4		4
Windsor				2		2				12	2	14
Woodstock												
DISTRICT GAOLS												
Bracebridge												
Fort Frances										2		2
Gore Bay												
Haileybury										1		1
Kenora										2	2	4
North Bay											1	1
Parry Sound											1	1
Port Arthur										4	1	5
Sault Ste. Marie										9		9
Sudbury				1	1	2				9	4	13
Totals	3		3	8	1	9	1		1	171	35	206

* City Gaols.

No. 2 (Concluded).

GAOL POPULATION

CITY and COUNTY GAOLS	Number remaining in custody awaiting trial March 31st, 1942			Number remaining in custody serving unexpired sentences or for other reasons March 31st, 1942			Total		
	M.	F.	T.	M.	F.	T.	Male	Female	Total
Barrie		2	2	14		14	412	50	462
Belleville				16	4	20	402	47	449
Brampton				5	1	6	115	3	118
Brantford				9		9	335	32	367
Brockville				15		15	296	33	329
Cayuga	1		1	1		1	98	6	104
Chatham				13		13	362	23	385
Cobourg	1	1	2	9		9	309	21	330
Cornwall				13	2	15	391	31	422
Goderich				3		3	83	2	85
Guelph	1		1	9		9	306	15	321
Hamilton*	2		2	52	2	54	1,751	177	1,928
Kingston				14	1	15	342	43	385
Kitchener				18		18	484	45	529
Lindsay	1		1	1	1	2	76	9	85
London				21	3	24	1,093	139	1,232
L'Orignal				3		3	126	12	138
Milton	4		4	2		2	85	5	90
Napanee				1	1	2	70	5	75
Orangeville	3		3				40		40
Ottawa	2		2	44	2	46	1,573	130	1,703
Owen Sound				10		10	297	18	315
Pembroke				12		12	354	45	399
Perth				2		2	119	2	121
Peterboro				14		14	269	16	285
Picton				2		2	63	6	69
St. Catharines				17		17	265	6	271
St. Thomas				11		11	220	9	229
Sarnia				15		15	260	16	276
Simcoe							186	17	203
Stratford	2		2	7		7	104	6	110
Toronto*	10	1	11	228	19	247	8,044	869	8,913
Walkerton				2	1	3	105	8	113
Welland				25		25	709	25	734
Whitby				10		10	440	37	477
Windsor	1		1	42	4	46	971	102	1,073
Woodstock				5		5	150	4	154
DISTRICT GAOLS									
Bracebridge				2		2	103	3	106
Fort Frances	1		1	3		3	168	8	176
Gore Bay							28		28
Haileybury	2		2	38	5	43	677	58	735
Kenora				12		12	305	21	326
North Bay	2		2	20	3	23	414	55	469
Parry Sound				6	1	7	437	38	475
Port Arthur	3		3	72	7	79	1,264	140	1,404
Sault Ste. Marie				15	2	17	280	41	321
Sudbury	3		3	28	4	32	1,132	136	1,268
Totals	39	4	43	861	63	924	26,113	2,514	28,627

TABLE

Criminal History, Number
and Number

CITY and COUNTY GAOLS	Criminal History of Those Committed							
	First Time		Second Time		Third Time		Over Three Times	
	Male	Female	Male	Female	Male	Female	Male	Female
Barrie	339	49	20	....	12	....	18	....
Belleville	249	45	31	....	44	1	52	....
Brampton	47	3	21	....	13	....	32	....
Brantford	157	24	38	4	27	....	105	2
Brockville	121	21	47	7	22	1	93	2
Cayuga	92	5	1	....	1	....	....	....
Chatham	139	14	32	6	60	2	108	1
Cobourg	173	17	56	4	35	....	36	....
Cornwall	187	27	62	1	39	....	80	3
Goderich	44	1	16	....	8	....	12	....
Guelph	157	10	54	4	39	....	42	....
Hamilton*	791	101	188	33	85	10	580	30
Kingston	239	35	14	....	20	1	55	7
Kitchener	276	30	55	8	43	1	80	6
Lindsay	49	5	12	3	3	....	8	....
London	487	75	137	14	54	8	366	38
L'Orignal	91	11	6	....	9	1	8	....
Milton	49	3	12	....	10	2	11	....
Napanee	35	2	9	1	12	1	12	1
Orangeville	25	....	1	....	3	....	11	....
Ottawa	526	78	222	17	103	4	641	31
Owen Sound	186	13	21	2	39	2	48	....
Pembroke	326	41	8	4	5	....	....	....
Perth	15	2	16	....	21	....	60	....
Peterboro	115	10	19	2	27	3	84	....
Picton	36	4	6	2	4	....	15	....
St. Catharines	80	6	27	....	23	....	123	....
St. Thomas	97	6	40	1	25	....	51	2
Sarnia	119	13	50	3	28	....	57	....
Simcoe	96	11	41	3	11	2	33	....
Stratford	76	6	12	....	3	....	11	....
Toronto*	4,035	501	1,221	123	676	52	1,788	160
Walkerton	51	2	21	....	12	1	16	4
Welland	348	18	111	4	49	1	165	1
Whitby	348	23	31	7	28	3	17	4
Windsor	588	80	158	10	63	3	120	....
Woodstock	101	4	15	....	6	....	20	....
DISTRICT GAOLS								
Bracebridge	42	3	16	....	24	....	19	....
Fort Frances	96	4	32	2	19	2	14	....
Gore Bay	17	....	4	....	1	....	3	....
Haileybury	239	29	111	11	50	5	213	10
Kenora	256	15	13	....	6	....	3	1
North Bay	192	24	64	12	28	6	100	7
Parry Sound	331	23	75	6	12	2	9	4
Port Arthur	827	75	69	15	56	12	188	30
Sault Ste. Marie	115	19	49	8	47	6	49	7
Sudbury	516	97	282	26	158	5	120	3
Totals	13,521	1,585	3,546	343	2,063	137	5,676	354

No. 3.

Over and Under Sixteen Committed.

CITY and COUNTY GAOLS	Under 16 years of Age			16 years of Age and over			Total number committed during Year		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Barrie	5	....	5	384	49	433	389	49	438
Belleville	4	5	9	372	41	413	376	46	422
Brampton	.....	....	......	113	3	116	113	3	116
Brantford	1	1	2	326	29	355	327	30	357
Brockville	12	1	13	271	30	301	283	31	314
Cayuga	.....	....	......	94	5	99	94	5	99
Chatham	10	....	10	329	23	352	339	23	362
Cobourg	3	....	3	297	21	318	300	21	321
Cornwall	4	2	6	364	29	393	368	31	399
Goderich	7	....	7	73	1	74	80	1	81
Guelph	.....	....	......	292	14	306	292	14	306
Hamilton*	5	....	5	1,639	174	1,813	1,644	174	1,818
Kingston	.....	3	3	328	40	368	328	43	371
Kitchener	8	1	9	446	44	490	454	45	499
Lindsay	1	....	1	71	8	79	72	8	80
London	.....	....	......	1,044	135	1,179	1,044	135	1,179
L'Orignal	.....	....	......	114	12	126	114	12	126
Milton	1	....	1	81	5	86	82	5	87
Napanee	1	2	3	67	3	70	68	5	73
Orangeville	.....	....	......	40	....	40	40	....	40
Ottawa	9	6	15	1,483	124	1,607	1,492	130	1,622
Owen Sound	1	....	1	293	17	310	294	17	311
Pembroke	1	....	1	338	45	383	339	45	384
Perth	2	....	2	110	2	112	112	2	114
Peterboro	5	....	5	240	15	255	245	15	260
Picton	.....	....	......	61	6	67	61	6	67
St. Catharines	2	....	2	251	6	257	253	6	259
St. Thomas	.....	....	......	213	9	222	213	9	222
Sarnia	2	....	2	252	16	268	254	16	270
Simcoe	.....	....	......	181	16	197	181	16	197
Stratford	2	....	2	100	6	106	102	6	108
Toronto*	15	....	15	7,705	836	8,541	7,720	836	8,556
Walkerton	2	....	2	98	7	105	100	7	107
Welland	1	....	1	672	24	696	673	24	697
Whitby	5	1	6	419	36	455	424	37	461
Windsor	34	....	34	895	93	988	929	93	1,022
Woodstock	.....	....	......	142	4	146	142	4	146
DISTRICT GAOLS									
Bracebridge	3	....	3	98	3	101	101	3	104
Fort Frances	15	....	15	146	8	154	161	8	169
Gore Bay	....	....	......	25	....	25	25	....	25
Haileybury	1	....	1	612	55	667	613	55	668
Kenora	9	....	9	269	16	285	278	16	294
North Bay	4	2	6	380	47	427	384	49	433
Parry Sound	4	....	4	423	35	458	427	35	462
Port Arthur	12	2	14	1,128	130	1,258	1,140	132	1,272
Sault Ste. Marie	1	....	1	259	40	299	260	40	300
Sudbury	13	2	15	1,063	129	1,192	1,076	131	1,207
Totals	205	28	233	24,601	2,391	26,992	24,806	2,419	27,225

* City Gaols.

TABLE

Social Status and Habits of Prisoners Committed

CITY and COUNTY GAOLS	Married			Single			Could read and write		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Barrie	133	16	149	256	33	289	380	48	428
Belleville	125	18	143	251	28	279	351	45	396
Brampton	37	1	38	76	2	78	111	3	114
Brantford	105	12	117	222	18	240	316	30	346
Brockville	78	12	90	205	19	224	268	27	295
Cayuga	24	1	25	70	4	74	94	5	99
Chatham	103	13	116	236	10	246	330	23	353
Cobourg	137	10	147	163	11	174	299	19	318
Cornwall	128	19	147	240	12	252	294	30	324
Goderich	18	....	18	62	1	63	78	1	79
Guelph	108	6	114	184	8	192	291	14	305
Hamilton*	654	112	766	990	62	1,052	1,623	171	1,794
Kingston	126	17	143	202	26	228	321	43	364
Kitchener	175	18	193	279	27	306	454	45	499
Lindsay	29	4	33	43	4	47	65	8	73
London	334	62	396	710	73	783	1,040	135	1,175
L'Orignal	49	7	56	65	5	70	97	10	107
Milton	39	5	44	43	....	43	81	5	86
Napanee	25	2	27	43	3	46	64	5	69
Orangeville	12	....	12	28	....	28	40	....	40
Ottawa	421	48	469	1,071	82	1,153	1,379	122	1,501
Owen Sound	88	9	97	206	8	214	288	17	305
Pembroke	105	19	124	234	26	260	336	45	381
Perth	27	2	29	85	....	85	104	2	106
Peterboro	69	5	74	176	10	186	233	15	248
Picton	26	3	29	35	3	38	59	6	65
St. Catharines	78	5	83	175	1	176	252	5	257
St. Thomas	92	5	97	121	4	125	208	9	217
Sarnia	108	10	118	146	6	152	250	16	266
Simcoe	74	11	85	107	5	112	171	16	187
Stratford	38	5	43	64	1	65	97	6	103
Toronto*	2,998	548	3,546	4,722	288	5,010	7,597	834	8,431
Walkerton	46	4	50	54	3	57	99	6	105
Welland	176	13	189	497	11	508	655	24	679
Whitby	164	21	185	260	16	276	415	37	452
Windsor	295	48	343	634	45	679	906	92	998
Woodstock	53	3	56	89	1	90	136	4	140
DISTRICT GAOLS									
Bracebridge	31	2	33	70	1	71	99	3	102
Fort Frances	60	3	63	101	5	106	153	7	160
Gore Bay	17	....	17	8	....	8	23	....	23
Haileybury	201	28	229	412	27	439	546	52	598
Kenora	80	11	91	198	5	203	227	11	238
North Bay	98	19	117	286	30	316	316	48	364
Parry Sound	139	25	164	288	10	298	415	31	446
Port Arthur	210	62	272	930	70	1,000	1,123	129	1,252
Sault Ste. Marie	77	20	97	183	20	203	229	29	258
Sudbury	256	51	307	820	80	900	1,030	129	1,159
Totals	8,466	1,315	9,781	16,340	1,104	17,444	23,943	2,362	26,305

* City Gaols.

No. 4.

during the Year Ending March 31st, 1942.

CITY and COUNTY GAOLS	Illiterate			Temperate			Intemporate		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Barrie..........	9	1	10	312	48	360	77	1	78
Belleville........	25	1	26	217	41	258	159	5	164
Brampton.......	2	....	2	20	1	21	93	2	95
Brantford.......	11	....	11	168	28	196	159	2	161
Brockville.......	15	4	19	165	25	190	118	6	124
Cayuga.........	.....	....	....	41	4	45	53	1	54
Chatham.......	9	....	9	189	16	205	150	7	157
Cobourg........	1	2	3	113	12	125	187	9	196
Cornwall........	74	1	75	89	15	104	279	16	295
Goderich........	2	....	2	58	1	59	22	....	22
Guelph..........	1	....	1	147	12	159	145	2	147
Hamilton*......	21	3	24	680	88	768	964	86	1,050
Kingston.......	7	....	7	61	22	83	267	21	288
Kitchener.......	.....	....	....	184	36	220	270	9	279
Lindsay........	7	....	7	32	8	40	40	....	40
London.........	4	....	4	157	55	212	887	80	967
L'Orignal.......	17	2	19	72	10	82	42	2	44
Milton.........	1	....	1	18	4	22	64	1	65
Napanee........	4	....	4	4	2	6	64	3	67
Orangeville......	.....	....	....	10	....	10	30	....	30
Ottawa.........	113	8	121	693	86	779	799	44	843
Owen Sound.....	6	....	6	101	11	112	193	6	199
Pembroke.......	3	....	3	28	4	32	311	41	352
Perth...........	8	....	8	35	1	36	77	1	78
Peterboro.......	12	....	12	124	15	139	121	....	121
Picton..........	2	....	2	15	5	20	46	1	47
St. Catharines...	1	1	2	90	3	93	163	3	166
St. Thomas......	5	....	5	158	7	165	55	2	57
Sarnia..........	4	....	4	103	8	111	151	8	159
Simcoe.........	10	....	10	54	9	63	127	7	134
Stratford........	5	....	5	65	6	71	37	....	37
Toronto*.......	123	2	125	1,658	249	1,907	6,062	587	6,649
Walkerton......	1	1	2	39	1	40	61	6	67
Welland........	18	....	18	229	13	242	444	11	455
Whitby.........	9	....	9	95	13	108	329	24	353
Windsor........	23	1	24	320	55	375	609	38	647
Woodstock......	6	....	6	72	2	74	70	2	72
DISTRICT GAOLS									
Bracebridge.....	2	....	2	87	2	89	14	1	15
Fort Frances....	8	1	9	79	3	82	82	5	87
Gore Bay.......	2	....	2	7	....	7	18	....	18
Haileybury......	67	3	70	281	31	312	332	24	356
Kenora.........	51	5	56	180	12	192	98	4	102
North Bay......	68	1	69	58	20	78	326	29	355
Parry Sound.....	12	4	16	49	12	61	378	23	401
Port Arthur.....	17	3	20	321	36	357	819	96	915
Sault Ste. Marie.	31	11	42	68	12	80	192	28	220
Sudbury........	46	2	48	196	72	268	880	59	939
Totals......	863	57	920	7,942	1,116	9,058	16,864	1,303	18,167

TABLE

Prisoners Transferred

CITY and COUNTY GAOLS	Sentenced to Gaol and afterwards removed to a Reformatory		Sentenced to Gaol and afterwards removed to an Industrial Farm	Sentenced to and removed to a Reformatory		Sentenced to and removed to an Industrial Farm	Sentenced to and removed to a Penitentiary		
	Male	Female	Male	Male	Female	Male	M.	F.	T.
Barrie	17		5	32			11	1	12
Belleville	1			25	8		7		7
Brampton	4		3				6		6
Brantford	11		2	12		6	5		5
Brockville	14	11		37	7		2		2
Cayuga									
Chatham				32	5		6		6
Cobourg	3			14	4				
Cornwall	6		4	14	8	3	8		8
Goderich	9		1				2		2
Guelph	5			25	5		12		12
Hamilton*	133	5		170	39		25		25
Kingston	5	2		27	1		2		2
Kitchener				31	7	13	8	1	9
Lindsay				7	3		3		3
London	60	15		108	9		9		9
L'Orignal				9	2	8	4		4
Milton	5	1		6	1		1		1
Napanee				3		5	3		3
Orangeville				2			2		2
Ottawa	5		2	40	11	35	14		14
Owen Sound				22	2	6	3		3
Pembroke	8		5	6	9	5	10		10
Perth							2		2
Peterboro				14			5		5
Picton				1			1		1
St. Catharines	20	2					8		8
St. Thomas	1			13			3		3
Sarnia	28				3		1		1
Simcoe				6		3			
Stratford		1		8	1		2		2
Toronto*	1,431	86	523				96	5	101
Walkerton	2			6	2		1		1
Welland	12	1		56			6		6
Whitby	31	8	9				5		5
Windsor		1		40	5	26	14		14
Woodstock	1			10		5	3		3
DISTRICT GAOLS									
Bracebridge				6	1	9	1		1
Fort Frances			1						
Gore Bay			2				1		1
Haileybury	12	2	105	6	4		12		12
Kenora				1		8	4		4
North Bay	12	7	50				5		5
Parry Sound				17	3				
Port Arthur	1	7	49	5	16	36	15		15
Sault Ste. Marie					5	32	4		4
Sudbury	12		133		14		7		7
Totals	1,849	149	894	811	175	200	339	7	346

* City Gaols.

No. 5.

To Other Institutions.

CITY and COUNTY GAOLS	Sentenced to and removed to an Industrial Refuge			Transferred to an Industrial School			Transferred to a Mental Hospital or to some other place of confinement			Total		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	Male	Fem'l	Total
Barrie	....	6	6	1	....	1	22	1	23	88	8	96
Belleville	....	....	....	1	4	5	12	1	13	46	13	59
Brampton	....	....	....	....	....	....	12	....	12	25	....	25
Brantford	....	....	....	1	....	1	4	6	10	41	6	47
Brockville	....	....	....	4	....	4	5	1	6	62	19	81
Cayuga	....	....	....	7	....	7	4	....	4	11	....	11
Chatham	4	2	6	2	....	2	3	....	3	47	7	54
Cobourg	....	....	....	....	....	....	2	....	2	19	4	23
Cornwall	....	....	....	1	5	6	3	....	3	39	13	52
Goderich	....	....	....	1	....	1	7	....	7	20	....	20
Guelph	....	....	....	....	....	....	8	1	9	50	6	56
Hamilton*	....	....	....	2	....	2	4	....	4	334	44	378
Kingston	....	....	....	....	4	4	2	3	5	36	10	46
Kitchener	....	1	1	1	1	2	15	2	17	68	12	80
Lindsay	....	....	....	....	....	....	3	3	6	13	6	19
London	....	....	....	....	....	....	8	....	8	185	24	209
L'Orignal	....	....	....	....	....	....	2	....	2	23	2	25
Milton	....	....	....	....	....	....	....	1	1	12	3	15
Napanee	....	....	....	....	1	1	1	....	1	12	1	13
Orangeville	....	....	....	....	....	....	3	....	3	7	....	7
Ottawa	....	....	....	1	....	1	1	....	1	98	11	109
Owen Sound	....	....	....	....	....	....	13	3	16	44	5	49
Pembroke	....	....	....	....	....	....	3	....	3	37	9	46
Perth	....	....	....	....	....	....	1	....	1	3	....	3
Peterboro	....	....	....	....	....	....	10	1	11	29	1	30
Picton	2	....	2	....	....	....	....	....	....	4	....	4
St. Catharines	1	....	1	1	....	1	....	....	....	30	2	32
St. Thomas	....	....	....	....	....	....	4	....	4	21	....	21
Sarnia	....	....	....	1	....	1	....	....	....	30	3	33
Simcoe	....	....	....	....	....	....	2	....	2	11	....	11
Stratford	....	....	....	....	....	....	2	....	2	12	2	14
Toronto*	....	....	....	....	....	....	59	12	71	2,109	103	2,212
Walkerton	....	....	....	5	....	5	....	....	....	14	2	16
Welland	....	....	....	....	....	....	20	1	21	94	2	96
Whitby	....	....	....	1	....	1	35	1	36	81	9	90
Windsor	....	1	1	8	....	8	15	7	22	103	14	117
Woodstock	....	....	....	....	....	....	9	....	9	28	....	28
DISTRICT GAOLS												
Bracebridge	....	....	....	1	....	1	10	....	10	27	1	28
Fort Frances	....	....	....	5	....	5	9	2	11	15	2	17
Gore Bay	....	....	....	....	....	....	....	....	....	3	....	3
Haileybury	....	....	....	....	....	....	38	10	48	173	16	189
Kenora	....	....	....	....	....	....	34	3	37	47	3	50
North Bay	....	6	6	1	2	3	30	10	40	93	25	123
Parry Sound	....	....	....	3	....	3	4	1	5	24	4	28
Port Arthur	....	2	2	2	....	2	40	18	58	148	43	191
Sault Ste. Marie	....	....	....	....	....	....	11	2	13	47	7	54
Sudbury	5	....	5	10	2	12	5	6	11	172	22	194
Totals	12	18	30	60	19	79	475	96	571	4,640	464	5,104

TABLE

Period of Sentences—To Gaols,

CITY and COUNTY GAOLS	Suspended Sentences			Under 30 days			30 days and under 60 days			60 days or 2 months		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	8	14	22	112	10	122	34	7	41	29	1	30
Belleville	29	6	35	181	8	189	38	3	41	5	...	5
Brampton	9	1	10	15	....	15	4	1	5	.....	...	.....
Brantford	13	4	17	90	2	92	43	2	45	16	1	17
Brockville	16	3	19	134	7	141	29	.....	29	21	2	23
Cayuga	6	1	7	57	1	58	3	....	3	.....	...	.....
Chatham	62	1	63	156	5	161	26	3	29	6	...	6
Cobourg	39	6	45	106	4	110	16	.....	16	2	...	2
Cornwall	24	1	25	116	6	122	48	1	49	16	...	16
Goderich	10	.....	10	13	....	13	6	.....	6	2	...	2
Guelph	22	3	25	53	1	54	87	2	89	19	...	19
Hamilton*	117	26	143	549	31	580	296	23	319	61	1	62
Kingston	27	9	36	163	7	170	25	5	30	11	...	11
Kitchener	74	15	89	51	3	54	110	2	112	30	1	31
Lindsay	10	1	11	24	1	25	8	.....	8	5	...	5
London	44	18	62	518	49	567	105	14	119	18	5	23
L'Orignal	5	3	8	38	5	43	3	.....	3	.....	...	.....
Milton	7	1	8	36	....	36	7	.....	7	2	...	2
Napanee	9	1	10	29	1	30	3	1	4	3	1	4
Orangeville	3	.....	3	9	....	9	2	.....	2	1	...	1
Ottawa	117	21	138	739	35	774	156	7	163	24	2	26
Owen Sound	13	1	14	140	2	142	11	.....	11	10	1	11
Pembroke	41	9	50	86	7	93	22	4	26	28	3	31
Perth	12	....	12	68	1	69	16	.....	16	5	...	5
Peterboro	6	2	8	116	4	120	43	3	46	10	...	10
Picton	7	.....	7	16	1	17	4	.....	4	1	...	1
St. Catharines	7	.....	7	148	1	149	13	1	14	19	1	20
St. Thomas	30	1	31	108	7	115	20	1	21	6	...	6
Sarnia	20	4	24	124	4	128	10	1	11	18	1	19
Simcoe	10	1	11	67	1	68	8	2	10	1	...	1
Stratford	3	.....	3	27	....	27	11	.....	11	8	...	8
Toronto*	235	33	268	1,186	86	1,272	1,553	153	1,706	722	45	767
Walkerton	13	.....	13	29	2	31	14	3	17	5	...	5
Welland	24	2	26	324	6	330	100	2	102	27	2	29
Whitby	28	8	36	205	10	215	48	4	52	20	3	23
Windsor	90	5	95	414	13	427	111	7	118	34	5	39
Woodstock	7	.....	7	46	1	47	12	1	13	12	...	12
DISTRICT GAOLS												
Bracebridge	3	.....	3	46	2	48	11	.....	11	6	...	6
Fort Frances	33	.....	33	51	3	54	24	1	25	.....	...	.....
Gore Bay	2	.....	2	6	....	6	7	.....	7	2	...	2
Haileybury	7	.....	7	75	1	76	241	19	260	37	6	43
Kenora	13	2	15	86	2	88	62	.....	62	23	1	24
North Bay	68	7	75	110	9	119	51	3	54	21	..	21
Parry Sound	9	.....	9	286	13	299	19	6	25	12	2	14
Port Arthur	25	6	31	463	21	484	270	22	292	105	13	118
Sault Ste. Marie	3	2	5	35	5	40	42	5	47	19	2	21
Sudbury	41	4	45	359	9	368	76	8	84	35	9	44
Totals	1,401	222	1,623	7,810	387	8,197	3,848	317	4,165	1,457	108	1,565

* City Gaols.

No. 6.

Reformatories, Penitentiaries or Elsewhere.

CITY and COUNTY GAOLS	3 months			4 months			5 months			6 months and under 9 months		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	18	.....	18	4	.....	4	1	.....	1	11	.....	11
Belleville	17	1	18	.....	.....	.....	.....	1	1	4	.....	4
Brampton	3	.....	3	.....	.....	.....	.....	.....	.....	1	.....	1
Brantford	27	.....	27	6	.....	6	1	.....	1	7	.....	7
Brockville	7	.....	7	2	.....	2	.....	.....	.....	2	.....	2
Cayuga	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chatham	28	1	29	2	.....	2	2	1	3	7	4	11
Cobourg	3	2	5	2	.....	2	3	.....	3	3	.....	3
Cornwall	17	3	20	.....	.....	.....	4	.....	4	8	2	10
Goderich	3	.....	3	2	.....	2	.....	.....	.....	2		2
Guelph	22	.....	22	2	.....	2	.....	.....	.....	5	1	6
Hamilton*	95	4	99	19	.....	19	6	.....	6	35	6	41
Kingston	26	1	27	1	2	3	.....	.....	.....	6	1	7
Kitchener	5	1	6	2	.....	2	.....	.....	.....	12	2	14
Lindsay	4	.....	4	2	.....	2	.....	1	1	1	.....	1
London	49	8	57	1	1	2	.....	.....	.....	16	1	17
L'Orignal	9	.....	9	1	.....	1	.....	.....	.....	2	1	3
Milton	4	1	5	2	.....	2	.....	.....	.....	2	.....	2
Napanee	1	.....	1	.....	.....	.....	.....	.....	.....	3	.....	3
Orangeville	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....
Ottawa	47	4	51	7	1	8	6	2	8	1	1	2
Owen Sound	10	2	12	3	.....	3	.....	.....	.....	5	.....	5
Pembroke	9	1	10	1	.....	1	4	.....	4	9	6	15
Perth	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Peterboro	17	.....	17	2	.....	2	.....	.....	.....	.....	.....	.....
Picton	1	.....	1	.....	1	1	.....	.....	.....	.....	.....	.....
St. Catharines	1	.....	1	.....	.....	.....	.....	.....	.....	5	1	6
St. Thomas	5	.....	5	2	.....	2	1	.....	1	1	.....	1
Sarnia	18	.....	18	1	.....	1	.....	.....	.....	3	1	4
Simcoe	6	1	7	2	.....	2	.....	.....	.....	5	.....	5
Stratford	5	.....	5	.....	1	1	.....	.....	.....	.....	.....	.....
Toronto*	261	22	283	46	4	50	8	.....	8	199	5	204
Walkerton	5	.....	5	1	.....	1	.....	.....	.....	.....	.....	.....
Welland	16	2	18	13	.....	13	1	.....	1	10	.....	10
Whitby	29	2	31	4	2	6	1	.....	1	8	2	10
Windsor	62	3	65	11	.....	11	.....	.....	.....	10	2	12
Woodstock	4	.....	4	1	.....	1	.....	.....	.....	3	.....	3
DISTRICT GAOLS												
Bracebridge	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fort Frances	11	.....	11	3	.....	3	.....	.....	.....	2	.....	2
Gore Bay	3	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Haileybury	87	8	95	10	.....	10	1	.....	1	43	.....	43
Kenora	15	.....	15	2	1	3	1	1	2	2	.....	2
North Bay	10	3	13	.....	.....	.....	.....	.....	.....	25	2	27
Parry Sound	8	.....	8	3	1	4	2	.....	2	7	.....	7
Port Arthur	60	15	75	16	2	18	8	.....	8	31	12	43
Sault Ste. Marie	19	5	24	1	.....	1	.....	.....	.....	6	2	8
Sudbury	56	.....	56	17	6	23	2	1	3	15	3	18
Totals	1,107	90	1,197	195	22	217	52	7	59	517	55	572

TABLE

Period of Sentences—To Gaols,

CITY and COUNTY GAOLS	9 months and under 12 months			12 months and under 18 months			18 months and under 24 months			Indeterminate with definite or other sentences		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	1	....	1	12	....	12	5	1	6	30	6	36
Belleville	1	....	1	2	....	2	7	1	8	18	7	25
Brampton	....	....	....	1	....	1	1	....	1	8	....	8
Brantford	....	....	....	5	....	5	....	....	....	7	....	7
Brockville	....	....	....	1	....	1	1	....	1	34	7	41
Cayuga	....	....	....	....	....	....	....	....	....	4	....	4
Chatham	3	....	3	....	1	1	....	....	....	17	2	19
Cobourg	....	....	....	1	....	1	2	....	2	6	2	8
Cornwall	....	....	....	4	2	6	1	....	1	8	6	14
Goderich	....	....	....	3	....	3	....	....	....	8	....	8
Guelph	....	....	....	2	....	2	....	....	....	19	3	22
Hamilton*	3	1	4	17	....	17	2	....	2	168	34	202
Kingston	4	....	4	7	....	7	....	....	....	7	....	7
Kitchener	....	....	....	17	2	19	9	1	10	10	4	14
Lindsay	....	....	....	....	....	....	2	....	2	2	1	3
London	1	....	1	4	....	4	6	....	6	32	11	43
L'Orignal	4	....	4	....	....	....	2	....	2	11	1	12
Milton	....	1	1	2	....	2	1	....	1	4	....	4
Napanee	....	....	....	2	....	2	....	....	....	2	1	3
Orangeville	....	....	....	1	....	1	1	....	1	....	....	....
Ottawa	2	....	2	2	....	2	2	....	2	72	7	79
Owen Sound	....	....	....	9	....	9	5	....	5	6	....	6
Pembroke	1	....	1	7	3	10	....	....	....	6	....	6
Perth	....	....	....	....	....	....	....	....	....	....	....	....
Peterboro	....	....	....	....	....	....	....	....	....	10	....	10
Picton	....	....	....	....	....	....	....	....	....	1	....	1
St. Catharines	1	....	1	6	....	6	10	1	11	1	....	1
St. Thomas	....	....	....	6	....	6	....	....	....	5	....	5
Sarnia	....	....	....	1	1	2	....	....	....	16	1	17
Simcoe	....	....	....	....	....	....	....	....	....	2	....	2
Stratford	....	....	....	....	....	....	....	....	....	8	1	9
Toronto*	17	....	17	68	3	71	27	2	29	330	12	342
Walkerton	....	....	....	1	....	1	....	....	....	5	1	6
Welland	2	....	2	9	1	10	....	....	....	32	....	32
Whitby	1	....	1	2	....	2	1	1	2	14	....	14
Windsor	....	....	....	9	1	10	15	....	15	37	4	41
Woodstock	....	....	....	6	....	6	1	....	1	7	....	7
DISTRICT GAOLS												
Bracebridge	....	....	....	2	....	2	1	....	1	15	1	16
Fort Frances	....	....	....	....	....	....	....	....	....	6	....	6
Gore Bay	....	....	....	....	....	....	2	....	2	....	....	....
Haileybury	10	....	10	10	2	12	12	1	13	6	5	11
Kenora	....	....	....	....	....	....	....	....	....	5	....	5
North Bay	2	....	2	11	....	11	4	....	4	15	10	25
Parry Sound	2	....	2	2	....	2	....	....	....	4	2	6
Port Arthur	1	1	2	12	1	13	2	....	2	13	7	20
Sault Ste. Marie	1	....	1	4	....	4	2	....	2	17	6	23
Sudbury	3	....	3	19	1	20	3	....	3	26	....	26
Totals	60	3	63	267	18	285	127	8	135	1,054	142	1,196

* City Gaols.

No. 6 (Concluded).

Reformatories, Penitentiaries or Elsewhere.

CITY and COUNTY GAOLS	2 years and over to Penitentiaries			Sentenced to death and executed			Sentenced to death but sentence commuted			Totals		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	Male	Female	Total
Barrie	11	1	12	.....	.....	.....	.....	.....	.....	276	40	316
Belleville	7	.....	7	.....	.....	.....	.....	.....	.....	309	27	336
Brampton	6	.....	6	.....	.....	.....	.....	.....	.....	48	2	50
Brantford	7	.....	7	.....	.....	.....	.....	.....	.....	222	9	231
Brockville	2	.....	2	.....	.....	.....	.....	.....	.....	249	19	268
Cayuga	4	.....	4	.....	.....	.....	.....	.....	.....	76	2	78
Chatham	6	.....	6	.....	.....	.....	.....	.....	.....	315	18	333
Cobourg	7	.....	7	.....	.....	.....	.....	.....	.....	190	14	204
Cornwall	8	.....	8	.....	.....	.....	.....	.....	.....	254	21	275
Goderich	2	.....	2	.....	.....	.....	.....	.....	.....	51	....	51
Guelph	12	.....	12	.....	.....	.....	.....	.....	.....	243	10	253
Hamilton*	25	.....	25	1	.....	1	.....	.....	.....	1,394	126	1,520
Kingston	2	.....	2	.....	.....	.....	.....	.....	.....	279	25	304
Kitchener	8	1	9	.....	.....	.....	.....	.....	.....	328	32	360
Lindsay	3	.....	3	.....	.....	.....	.....	.....	.....	61	4	65
London	11	.....	11	.....	.....	.....	.....	.....	.....	805	107	912
L'Orignal	4	.....	4	.....	.....	.....	.....	.....	.....	79	10	89
Milton	1	.....	1	.....	.....	.....	.....	.....	.....	68	3	71
Napanee	3	.....	3	.....	.....	.....	.....	.....	.....	55	5	60
Orangeville	2	.....	2	.....	.....	.....	.....	.....	.....	20	....	20
Ottawa	13	.....	13	.....	.....	.....	.....	.....	.....	1,188	80	1.268
Owen Sound	3	.....	3	.....	.....	.....	.....	.....	.....	215	6	221
Pembroke	10	.....	10	.....	.....	.....	.....	.....	.....	224	33	257
Perth	2	.....	2	.....	.....	.....	.....	.....	.....	105	1	106
Peterboro	5	.....	5	.....	.....	.....	.....	.....	.....	209	9	218
Picton	1	.....	1	.....	.....	.....	.....	.....	.....	31	2	33
St. Catharines	8	.....	8	.....	.....	.....	.....	.....	.....	219	5	224
St. Thomas	2	.....	2	.....	.....	.....	.....	.....	.....	186	9	195
Sarnia	1	.....	1	.....	.....	.....	.....	.....	.....	212	13	225
Simcoe	.....	.....	.....	.....	.....	.....	.....	.....	.....	101	5	106
Stratford	2	.....	2	.....	.....	.....	.....	.....	.....	64	2	66
Toronto*	105	5	110	1	.....	1	.....	.....	.....	4,758	370	5,128
Walkerton	1	.....	1	.....	.....	.....	.....	.....	.....	74	6	80
Welland	10	.....	10	.....	.....	.....	.....	.....	.....	568	15	583
Whitby	6	.....	6	.....	.....	.....	.....	.....	.....	367	32	399
Windsor	15	.....	15	.....	.....	.....	.....	.....	.....	808	40	848
Woodstock	4	.....	4	.....	.....	.....	.....	.....	.....	103	2	105
DISTRICT GAOLS												
Bracebridge	1	.....	1	.....	.....	.....	.....	.....	.....	85	3	88
Fort Frances	1	.....	1	.....	.....	.....	.....	.....	.....	131	4	135
Gore Bay	1	.....	1	.....	.....	.....	.....	.....	.....	23	....	23
Haileybury	13	.....	13	.....	.....	.....	.....	.....	.....	552	42	594
Kenora	4	.....	4	.....	.....	.....	.....	.....	.....	213	7	220
North Bay	8	.....	8	.....	.....	.....	.....	.....	.....	325	34	359
Parry Sound	.....	.....	.....	.....	.....	.....	.....	.....	.....	354	24	378
Port Arthur	11	.....	11	.....	.....	.....	.....	.....	.....	1,017	100	1,117
Sault Ste. Marie	4	.....	4	.....	.....	.....	.....	.....	.....	153	27	180
Sudbury	7	.....	7	.....	.....	.....	.....	.....	.....	659	41	700
Totals	369	7	376	2	.....	2	.....	.....	.....	18,266	1,386	19,652

TABLE

Cell Accommodation: Days Stay: Greatest, Least and Average Number of

CITY and COUNTY GAOLS	Male accomodation	Female accomodation	Greatest No. of Male and Female prisoners during year	Greatest No. of Male prisoners during year	Greatest No. of Female prisoners during year	Least No. of Male and Female prisoners during year	Least No. of Male prisoners during year	Least No. of Female prisoners during year	Average daily gaol population.
Barrie	24	3	37	34	6	9	8	......	23.4
Belleville	18	6	35	33	8	9	9	......	21.2
Brampton	24	8	9	9	2	3	......	......	4.5
Brantford	24	8	27	26	6	6	6	......	17.1
Brockville	24	4	24	27	7	5	3	......	14.8
Cayuga	8	4	6	9	2	......	......	......	2.8
Chatham	35	6	38	35	5	9	9	......	20.3
Cobourg	22	6	19	23	4	7	3	......	12.7
Cornwall	18	4	36	35	6	7	6	......	20.6
Goderich	9	3	12	12	1	......	......	......	5.1
Guelph	28	6	25	24	3	7	3	......	14.1
Hamilton*	85	13	120	114	18	50	46	1	87.8
Kingston	31	15	29	28	8	10	3	......	17.1
Kitchener	45	5	47	46	6	10	9	......	24.7
Lindsay	30	6	12	9	4	......	......	......	3.6
London	72	9	72	64	13	24	22	2	49.6
L'Original	18	6	16	15	3	1	1	......	7.7
Milton	17	6	9	8	2	......	......	......	3.5
Napanee	19	5	8	8	1	......	......	......	2.
Orangeville	18	5	5	5	......	......	......	......	2.
Ottawa	114	24	86	85	9	40	36	......	62.
Owen Sound	34	3	21	21	2	4	3	......	11.4
Pembroke	24	8	33	28	9	10	6	......	19.3
Perth	18	6	5	14	1	2	1	......	5.4
Peterboro	18	6	30	29	3	9	6	......	14.3
Picton	18	6	6	7	2	1	1	......	2.8
St. Catharines	35	8	23	27	2	7	5	......	14.8
St. Thomas	13	4	20	20	3	2	2	......	7.7
Sarnia	31	6	28	26	3	8	7	......	14.3
Simcoe	19	5	*23*	18	5	......	......	......	5.2
Stratford	23	4	14	14	1	3	2	......	6.9
Toronto*	248	39	311	284	42	141	143	10	256.3
Walkerton	28	4	12	13	2	......	......	......	5.5
Welland	54	9	51	51	7	18	16	......	33.6
Whitby	23	6	35	33	5	12	10	......	21.4
Windsor	81	30	75	67	11	33	32	1	56.9
Woodstock	24	5	9	14	1	4	2	......	6.6
DISTRICT GAOLS									
Bracebridge	8	2	6	13	1	2	1	......	3.4
Fort Frances	20	4	12	20	3	5	3	......	8.6
Gore Bay	9	2	5	5	......	......	......	......	1.8
Haileybury	27	3	86	82	9	30	25	1	52.1
Kenora	20	6	36	31	5	9	9	......	19.6
North Bay	50	9	40	33	8	7	6	......	20.2
Parry Sound	20	2	21	19	3	6	3	......	11.6
Port Arthur	64	9	139	131	19	63	53	3	87.7
Sault Ste. Marie	20	3	34	31	7	12	9	......	20.7
Sudbury	59	10	75	69	9	18	16	1	46.
Totals									

*City Gaols

No. 7.

Prisoners for the Year Ending March 31st, 1942.

CITY and COUNTY GAOLS	Number committed during year	Number paid for by province	Number paid for by municipality	Number of days stay of government prisoners	Number of days stay of municipality prisoners	Total number of days stay of all prisoners
Barrie	438	125	313	3,674	4,864	8,538
Belleville	422	114	308	3,549	4,206	7,755
Brampton	116	39	77	674	971	1,645
Brantford	357	65	292	1,624	4,606	6,230
Brockville	314	105	209	2,424	2,985	5,409
Cayuga	99	23	76	527	484	1,011
Chatham	362	83	279	1,691	5,735	7,426
Cobourg	321	63	258	1,874	2,774	4,648
Cornwall	399	248	151	3,901	3,624	7,525
Goderich	81	48	33	1,555	297	1,852
Guelph	306	71	235	944	4,211	5,155
Hamilton*	1,818	367	1,451	10,059	21,973	32,032
Kingston	371	115	256	1,817	4,433	6,250
Kitchener	499	77	422	2,706	6,401	9,107
Lindsay	80	32	48	732	588	1,320
London	1,179	237	942	3,861	14,259	18,120
L'Orignal	126	52	74	1,693	1,116	2,809
Milton	87	31	56	757	537	1,294
Napanee	73	17	56	326	413	739
Orangeville	40	17	23	523	200	723
Ottawa	1,622	409	1,213	7,268	15,367	22,635
Owen Sound	311	82	229	1,920	2,248	4,168
Pembroke	384	88	296	1,921	5,119	7,040
Perth	114	13	101	344	1,617	1,961
Peterboro	260	29	231	876	4,360	5,236
Picton	67	7	60	226	788	1,014
St. Catharines	259	42	217	989	4,430	5,419
St. Thomas	222	41	181	898	1,913	2,811
Sarnia	270	47	223	1,298	3,915	5,213
Simcoe	197	26	171	448	1,451	1,899
Stratford	108	33	75	1,209	1,323	2,532
Toronto*	8,556	1,778	6,778	17,461	76,089	93.550
Walkerton	107	61	46	1,272	743	2,015
Welland	697	146	551	3,295	8,984	12,279
Whitby	461	90	371	2,761	5,062	7,823
Windsor	1,022	192	830	4,185	16,593	20,778
Woodstock	146	30	116	746	1,658	2,404
DISTRICT GAOLS						
Bracebridge	104	104	....	1,234	....	1,234
Fort Frances	169	169	....	3,123	....	3,123
Gore Bay	25	25	....	649	....	649
Haileybury	668	668	....	19,014	....	19,014
Kenora	294	294	....	7,169	....	7,169
North Bay	433	433	....	7,391	....	7,391
Parry Sound	462	462	....	4,252	....	4,252
Port Arthur	1,272	173	1,099	6,495	25,508	32,003
Sault Ste. Marie	300	300	....	7,570	....	7,570
Sudbury	1,207	1,207	....	16,790	....	16.790
Totals	27,225	8,878	18,347	165,715	261,845	427,560

* City Gaols.

TABLE No. 8.

Maintenance and Average Cost of Each Prisoner and Total Cost for Year in City, County and District Gaols.

CITY and COUNTY GAOLS	Cost of Food	Cost of clothing, fuel and ordinary maintenance	Cost of officer's salaries	Cost of alterations, additions and repairs to Buildings	Total expenditure for maintenance for the year	Average Cost of each prisoner per day	Average cost per day for clothing, fuel and ordinary maintenance	Daily per capita dietary cost
Barrie	$ 1,576.54	$ 2,182.79	$ 5,652.75	$ 820.30	$ 10,242.38	$ 1.20	$ .2556	$.1846
Belleville	1,444.65	3,309.69	3,511.41	275.00	8,540.75	1.10	.4268	.1862
Brampton	357.89	1,011.25	2,293.01	448.46	4,110.61	2.50	.6147	.2175
Brantford	1,104.06	2,673.25	7,272.24	300.00	11,349.55	1.82	.4290	.1772
Brockville	888.26	1,098.44	3,964.88	420.42	6,372.00	1.18	.2030	.1642
Cayuga	188.50	255.00	2,569.85	....	3,013.35	2.98	.2522	.1864
Chatham	1,108.92	2,587.04	6,142.13	79.89	9,917.98	1.34	.3483	.1493
Cobourg	736.30	1,612.71	2,632.06	464.03	5,445.10	1.17	.3470	.1584
Cornwall	1,192.39	1,422.05	6,372.43	266.58	9,253.45	1.23	.1889	.1584
Goderich	293.32	875.52	2,532.62	191.37	3,892.83	2.10	.4727	.1584
Guelph	785.36	1,240.79	4,377.28	609.46	7,012.89	1.36	.2406	.1523
Hamilton*	7,226.31	4,978.00	20,875.79	982.00	34,062.10	1.07	.1554	.2255
Kingston	973.06	1,354.22	4,408.70	....	6,735.98	1.08	.2166	.1557
Kitchener	1,654.34	2,990.71	6,206.11	49.58	10,900.74	1.20	.3284	.1817
Lindsay	194.86	1,175.07	3,014.75	204.71	4,589.39	3.48	.8902	.1476
London	3,747.31	3.091.47	14,419.10	108.60	21,366.48	1.18	.1706	.2068
L'Orignal	560.11	852.05	2,577.84	213.90	4,203.90	1.50	.3033	.1994
Milton	230.45	806.20	2,258.79	241.08	3,536.52	2.73	.6230	.1781
Napanee	101.66	651.39	2,497.08	159.59	3,409.72	4.61	.8814	.1376
Orangeville	139.30	945.27	2,730.82	119.87	3,935.26	5.44	1.3074	.1927
Ottawa	4,094.05	10,709.59	18,542.62	3,976.21	37,322.47	1.65	.4731	.1809
Owen Sound	698.49	1,338.25	3,474.00	158.48	5,669.22	1.36	.3210	.1676
Pembroke	1,185.12	560.00	3,294.90	....	5,040.02	.72	.0795	.1683
Perth	398.12	1,527.99	2,984.15	933.92	5,844.18	2.98	.7792	.2030
Peterboro	915.82	1,343.76	3,882.40	165.22	6,307.20	1.20	.2566	.1749
Picton	230.40	921.68	1,691.28	153.70	2,997.06	2.96	.9090	.2272
St. Catharines	982.88	1,844.18	4,541.55	965.90	8,334.51	1.54	.3404	.1814
St. Thomas	500.99	1,186.97	4,361.68	613.02	6 662.66	2.37	.4223	.1782
Sarnia	965.29	917.27	4,052.35	509.14	6,444.05	1.24	.1760	.1852
Simcoe	294.17	514.35	2,683.70	226.93	3,719.15	1.96	.2708	.1549
Stratford	341.16	1,508.14	3,380.15	....	5,229.45	2.07	.5956	.1347
Toronto*	14,167.42	11,608.95	69,461.11	1,998.06	97,235.54	1.04	.1240	.1514
Walkerton	291.94	153.55	2,639.38	....	3,084.87	1.53	.0762	.1449
Welland	2,495.88	2,430.65	6,065.47	308.44	11,300.44	.92	.1980	.2033
Whitby	1,509.25	2,324.48	4,249.80	109.48	8,193.01	1.05	.2971	.1929
Windsor	3,864.28	6,393.90	16,202.31	125.26	26,585.75	1.28	.3077	.1859
Woodstock	345.37	1,066.37	3,250.50	1,083.44	5,745.68	2.39	.4435	.1437
DISTRICT GAOLS								
Bracebridge	206.25	240.50	2,299.85	29.00	2,775.60	2.25	.1949	.1671
Fort Frances	521.52	339.95	6,187.87	516.20	7,565.54	2.42	.1089	.1670
Gore Bay	114.63	374.12	2,092.88	....	2,581.63	3.97	.5765	.1766
Haileybury	3,311.14	3,607.85	11,562.90	....	18,481.89	.97	.1897	.1741
Kenora	1,531.73	2,016.53	8,527.90	83.39	12,159.55	1.70	.2813	.2137
North Bay	13,967.67	2,872.80	11,231.35	48.00	15,548.82	2.10	.3887	.1890
Parry Sound	712.87	600.25	4,949.55	183.40	6,446.07	1.52	.1412	.1677
Port Arthur	7,698.70	8,368.46	17,900.91	....	33,968.07	1.06	.2615	.2405
Sault Ste. Marie	1,378.05	2,777.77	6,188.90	279.81	10,624.53	1.40	.3669	.1820
Sudbury	3,095.06	3,739.79	14,019.83	150.00	21,004.68	1.25	.2227	.1843
Totals	$77,750.84	$106,401.01	$346,038.93	$18,571.84	$548,762.62	1.28	.2489	.1818

*City Gaols,

FIFTEENTH REPORT

OF THE

LIQUOR CONTROL BOARD

OF

ONTARIO

From April 1st, 1940 to March 31st, 1941

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 20, 1942

ONTARIO

TORONTO
Printed and Published by
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1942

TORONTO, MARCH 26th, 1942.

TO THE HONOURABLE ALBERT MATTHEWS,

Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to transmit to Your Honour the Fifteenth Report of the Liquor Control Board of Ontario for the year Ending 31st March, 1941.

Respectfully submitted,

M. F. HEPBURN,

Prime Minister and President of the Council.

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Liquor Control Board
of Ontario

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454 UNIVERSITY AVENUE,
TORONTO 2, ONTARIO,
FEBRUARY 16TH, 1942.

TO THE HONOURABLE MITCHELL F. HEPBURN,
Prime Minister and Provincial Treasurer of Ontario,
Parliament Buildings, Toronto 5, Ontario.

Sir:—

I have the honour to submit herewith the Fifteenth Report of the Liquor Control Board of Ontario for the twelve months' fiscal period which ended the 31st of March, 1941.

FINANCIAL STATEMENT

The Balance Sheet, certified to by Messrs. Robertson, Robinson, McCannell & Dick, Chartered Accountants, shows the amount of fixed assets to be $117,426.90. This amount represents the value of the Board's real estate, consisting of the land and buildings situated at 154 Wellington St. W., Toronto, and 201 Victoria Ave., Fort William, occupied as Warehouses, and, the value of all furniture, equipment and alterations in the various premises occupied by the Board, less depreciation, which, since the commencement of operations in June, 1927, has been provided to an extent of $1,025,458.00.

Other assets totalled $5,236,799.00 being comprised of the following items:—

Cash on hand and in transit from branch banks	$ 267,342.29
Accounts Receivable—hospital charge sales, beer levies, duty recoverable items, freight claims, fines, etc.	307,685.58
Inventories of liquors and supplies	4,628,775.35
Prepaid items	32,995.78

Liabilities amounted to $2,733,498.66 as follows:—

Accounts Payable—for liquors and supplies, accrued charges, etc.	2,703,827.24
Due Provincial Treasurer—for permit sales and confiscated stock	29,671.42

An increase in inventory values will be noted. This is due to larger stocks being carried, particularly of imported goods, in order to guard against the possibility of delayed deliveries or losses from enemy action.

Sales of permits during the twelve months amounted to a net figure of $578,765.52 which, with the amount unpaid from the previous year of $14,869.68, totalled $593,635.20 of which $575,000.00 was remitted to the Provincial Treasurer, in accordance with the requirements of the Liquor Control Act of Ontario, Section 18 (2).

The amount of $1,232.56 represents the advance sale of 1941-1942 Permits less expenses.

The item of $9,803.66 represents a balance due to the Provincial Treasurer for forfeited liquor, which was purchased by the Board after careful examination, and in accordance with the provisions of Section 132 (2) of the Act.

Contingent liabilities amounted $2,707,116.15. These items comprise the value of undelivered orders and, also, the amount of customs or excise duties which will have to be paid on the goods which were in bond on our premises March 31st, when the same are cleared. These items are not chargeable against, nor do they affect the operations of the Board for the period under review.

The Profit and Loss Account shows sales for the twelve months from Liquor Control Board Stores of $26,847,956.82.

The same account shows a gross trading profit of $8,982,582.75 with total expenses including depreciation and items written off, of $1,847,484.95 which resulted in a net trading profit of $7,135,097.80. This latter sum together with other revenue which amounted to $4,580,312.27 resulted in a total profit of $11,715,410.07 which is carried to the Surplus Account.

For the purpose of comparison, the percentage that the cost of stock sold, miscellaneous earnings and expenses and other revenue bear to the sales are given for the fiscal year of 1940 and the twelve months' period herewith reported upon.

The Surplus Account shows a balance at the commencement of the period of $1,132,698.39, this being the amount of accumulated profits from previous years' operations which had not been transferred to the Provincial Treasurer. After deducting $2,381.22 which represented sundry adjustments, the addition of the twelve months' profit of $11,715,410.07 resulted in a total amount of $12,845,727.24. From this sum $10,225,000.00 was remitted to the Provincial Treasurer. The total payments to the Provincial Treasurer during the twelve months were, therefore:—

On Account of Profits	$10,225,000.00
On Account of Permits	575,000.00
	$10,800,000.00

Besides the Balance Sheet, Profit and Loss Account, and the Surplus Account, a statement showing the Expenses of Administration and Operation (Schedule I) for the twelve months is also attached. Individual percentages which these expenses bear to the total sales are given for the twelve months and also for the preceding fiscal period. On March 31st, 1941, the staff comprised 916 employees, 94 of these being part-time or seasonally employed as against 825 permanent and 62 part-time employees at the previous year-end.

In addition, all Liquor Board stores, brewers' retail stores, breweries and wineries privileged to sell alcoholic beverages in Ontario, as of March 31st, 1941, are set forth on Schedule II; a classification of permits and licenses issued appears on Schedule III, and a summary of Authorities, Standard Hotel Licenses and Light Beer Permits issued, cancelled, suspended, surrendered and reinstated during the year, with the number operative on March 31st, is set forth on Schedule IV.

SALES

The sale of spirits, beer and wine from liquor stores during the twelve months amounted to $26,847,956.82. The net value of beer sold from breweries and brewers' retail stores, i.e. exclusive of any charge for containers, totalled $34,599,089.80. Sales of native wines made direct to customers from Licensed native wine sales offices, and, where permitted, from the winery premises, amounted to $2,636,513.54

The following comparative sales statistics are given for the fiscal year under review and also for the preceding twelve months:—

VALUE

	Twelve Months ending March 31, 1940	Twelve Months ending March 31, 1941	Increase or Decrease	Percentage	
Domestic Spirits	$14,257,132.64	$17,124,820.62	$2,867,687.98	Inc.	20.1
Imported Spirits	5,333,752.77	5,934,703.10	600,950.33	Inc.	11.2
Domestic Wines	1,672,474.20	2,000,957.30	328,483.10	Inc.	19.5
Imported Wines	553,169.67	611,369.83	58,200.16	Inc.	10.5
Domestic Beers	927,425.85	1,099,142.97	171,717.12	Inc.	18.5
Imported Beers	76,734.60	76,963.00	228.40	Inc.	.3
Total Sales from Liquor Stores	$22,820,689.73	$26,847,956.82	$4,027,267.09	Inc.	17.6
B. & B.R.S. Sales - Domestic Beer (Exclusive of Container Value)	28,435,819.50	34,599,089.80	6,163,270.30	Inc.	21.6
Wineries' Sales (Domestic Wines)	2,278,767.81	2,636,513.54	357,745.73	Inc.	15.6
Total	$53,535,277.04	$64,083,560.16	$10,548,283.12	Inc.	19.7

GALLONAGE

	Twelve Months ending March 31, 1940	Twelve Months ending March 31, 1941	Increase or Decrease	Percentage	
Domestic Spirits	1,115,419	1,236,128	120,709	Inc.	10.8
Imported Spirits	274,158	284,584	10,426	Inc.	3.7
Domestic Wines	765,595	872,877	107,282	Inc.	14.0
Imported Wines	58,554	62,333	3,779	Inc.	6.4
Domestic Beers	572,474	677,068	104,594	Inc.	18.2
Imported Beers	21,283	21,327	44	Inc.	.2
Total Sales from Liquor Stores	2,807,483	3,154,317	346,834	Inc.	12.3
B. & B. R. S. Sales (Domestic Beer)	26,756,549	30,626,640	3,870,091	Inc.	14.4
Wineries' Sales (Domestic Wines)	998,100	1,101,193	103,093	Inc.	10.3
Total	30,562,132	34,882,150	4,320,018	Inc.	14.1

The above statistics show that sales of spirits, wines and beers through the liquor stores increased to an extent of $4,027,267.09. Notwithstanding this increase, operating and administration expenses, including depreciation, at $1,847,484.95, were $14,562.64 lower than during the preceding year.

As mentioned before in this report, the Board paid to the Provincial Treasurer the sum of $10,225,000.00 on account of profits, license fees, etc., and a further sum of $575,000.00 from sales of individual permits. The Board also paid, in accordance with the law, to the various municipalities, 20% of the fees received from Hotel Authorities, such amount totalling $266,033.13, which was distributed to 310 municipalities.

Additional to the above substantial payments, the Dominion Government received during the course of the year in Customs and Excise Duties and Sales and Excise Taxes on spirits, wines and imported beers purchased by the Board $10,587,921.55 and there also was paid to the Dominion Government for Malt Duties and Taxes on domestic beers and wines sold in Ontario approximately $9,000,000.00, making a total of about $19,500,000.00.

It will, therefore, be seen that the grand total of revenue payments received by the respective Municipal, Provincial and Dominion Governments reached a total of over $30,000,000.00 as a result of levies on alcoholic beverages sold in Ontario during the year which, of course, was exclusive of Municipal realty and Provincial and Dominion corporation taxes paid by the respective manufacturers.

When it is borne in mind that the whole burden of the business, its risks and difficulties, as well as the expense of affording adequate supervision and policing, falls on the Province, it is manifest that the present division of revenue from this traffic is much in favour of the Dominion Government. In the opinion of this Board, further Dominion taxation imposts will merely defeat their own object by tending to recreate the bootlegging industry.

STORES

The number of liquor stores in operation on March 31st, was one hundred and twenty-nine, being unchanged from the previous year-end.

Four stores were moved to new locations, i.e.—

Store No. 56 Prescott—from Water Street to King Street, on June 5th, 1940.
Store No. 10 Toronto—from 543 Yonge St. to 1121 Yonge St., on June 27th, 1940.
Store No. 89 Mattawa—from Pembroke St. to Pembroke St. and Mattawa Rd., on October 23rd, 1940.
Store No. 55 Pembroke—from 185 Alexander St. to 32 Pembroke St. W., on March 5th, 1941.

BREWERIES AND BREWERS' RETAIL STORES

On March 31st, 1941, there were twenty-two Ontario and four Quebec breweries licensed to sell their products in Ontario, such numbers being unchanged from the previous year.

The following breweries changed their corporate names:

The Reinhardt Brewery Company Limited, Toronto,
to
Cosgrave's Dominion Brewery (East Toronto) Limited on April 1st, 1940.
The Carling-Kuntz Breweries Limited, Waterloo,
to
The Carling Breweries Limited on June 22nd, 1940.

The gallonage of domestic strong beer sold in Ontario during the years 1937 to 1941 inclusive, as computed from the sales records of the Board and with respect to sales to destinations outside Ontario from the monthly reports of the Ontario brewers, was as follows:—

	1937 (12 months) Gallons	1938 (12 months) Gallons	1939 (12 months) Gallons	1940 (12 months) Gallons	1941 (12 months) Gallons
Sales from Liquor Stores' stock	668,137	686,716	562,527	558,962	672,064
Beer orders taken at Liquor Stores for delivery by breweries and brewers' retail stores....................	21,408	16,025	11,024	13,512	5,004
Sales from breweries and brewers' retail stores	22,606,732	25,096,435	24,141,817	26,756,549	30,626,640
Total Ontario Sale of Domestic Beer....................	23,296,277	25,799,176	24,715,368	27,329,023	31,303,708
Sales to other Provinces......	1,650,344	1,905,459	1,882,189	1,914,210	2,344,029
Export Sales................	3,410	3,619	12,996	58,033	133,610
Total...............	1,653,754	1,909,078	1,895,185	1,972,243	2,477,639

The number of Brewers' Retail Stores in operation at the year-end totalled one hundred and eight, two retail stores being closed during the period—at the following locations:—

108W New Hamburg—on April 30th, 1940.
61W Windsor, 966 Drouillard Road—on June 29th, 1940.

From June 1st to September 16th, a Brewers' Retail Store was operated at Jackson's Point.

No additional Brewers' Retail Stores were opened during the year.

During the twelve months under review, six Brewers' Retail Stores were moved to new locations, as follows:—

6 W—Toronto—From 1267 Queen St. West to 1257 Queen St. West, as of April 29th, 1940.
18W—Windsor—From 2131 Wyandotte St. West to 4281 Wyandotte St. East, as of June 1st, 1940.
17W—Windsor—From 881 Erie St. East to 1246 Ottawa St., as of July 1st, 1940.
68W—Amherstburg—From Murray and Dalhousie Sts. to Bathurst and Murray Sts., as of July 29th, 1940.
88W—Walkerton—From Durham St. to the corner of Durham and Peter Sts., as of August 27th, 1940.
38W—Sarnia—From 143 Victoria Ave. to 210 Maxwell St., as of October 5th, 1940.

The consumption of beer throughout the province increased in volume almost 15%. In the production of beer in Canada, in addition to malted barley, the ingredients entering into the manufacture of ale, porter, lager and stout are hops and water, and to meet the demand of some of the public for the lighter-bodied lager beer, a proportion of rice is used instead of malt by some brewers.

The brewing of beer is a highly scientific process and its quality is not governed by its alcoholic content but by the use of first-class malt and hops, or rice, as the case may be, suitable water, the maintenance of proper temperatures during the various processes, thorough cleanliness and a knowledge of the process that can only be gained by long experience.

For some years past, the policy of the Liquor Control Board has been to have periodical analyses made by the Chief Provincial Analyst of all brands of beer produced by the Ontario Breweries, as well as the products of the Quebec Breweries, who are licensed to sell in the Province. The analyses last year indicated that all the samples examined conformed to the requirements of the regulations passed pursuant to the Food and Drugs Act of Canada for ale or beer.

WINERIES

Supervision of the quality of native wine was maintained for the Board by the Provincial Department of Health through periodical analyses. 309 samples were tested and from time to time constructive suggestions were offered to a number of the manufacturers.

The Board, by negotiation with the wine manufacturers and the grape-growers, were able to maintain the price agreement which has been in effect for some years, whereby the growers received a minimum price of $40.00 per ton for their grapes. This policy which enables the grower to keep his vineyard in good condition and produce high-grade grapes, along with the centralizing of the manufacture of native wine in connection with which improved manufacturing apparatus and facilities can be utilized, has contributed largely to the improvement in Ontario wines which has taken place during the past few years.

During the year, one winery changed ownership, i.e., the Hillrust Wine Company Limited which was purchased by Bright's Wines Limited on August 31st, 1940, and operated from September 18th, 1940 under the new corporate name.

The following transfers of Sales Offices to other premises were authorized during the year:—

License	From	To	Opening Date at New Location
The Parkdale Wines Ltd., Toronto.	1251 Ottawa St., Windsor.	1046 Bloor St. W., Toronto.	July 27th, 1940.
St. Catharines Wine Co., of Canada Ltd., St. Catharines.	8-10 Lisgar St., Sudbury.	497 Parliament St., Toronto.	October 15th, 1940.
Canadian Wineries Ltd., Toronto.	299 St. Paul St., St. Catharines.	306 St. Paul St., St. Catharines.	February 27th, 1941.
London Winery Ltd., London.	409 Ridout St., London.	123 Dundas St., London.	March 31st, 1941.

The following statistics of gallonage of native wine sold have been compiled from the monthly reports submitted to the Board by the respective wineries:—

	1937 (12 months) Gallons	1938 (12 months) Gallons	1939 (12 months) Gallons	1940 (12 months) Gallons	1941 (12 months) Gallons
Sales at Wineries	737,673	861,846	934,361	998,100	1,101,193
Sales to the Board	675,551	690,635	712,783	764,326	896,801
Total Ontario Sales	1,413,224	1,552,481	1,647,144	1,762,426	1,997,994
Sales to other Provinces	1,014,810	1,111,769	1,045,997	1,455,432	1,850,008
Export Sales	4,520	3,581	1,935	2,136	5,892
Total	2,432,554	2,667,831	2,695,076	3,219,994	3,853,894

Comparative figures as to the quantities of grapes and cherries used in the industry are as follows:—

	During 12 months ended March 31st, 1940.	During 12 months ended March 31st, 1941.
Grapes used for wine	13,679 tons	15,603 tons
Grapes used for concentrates	2,242 tons	3,748 tons
Grapes used for grape juice	559 tons	504 tons
Grapes used for brandy	2,370 tons	....
Cherries used for wine	184 tons	62 tons
	19,034 tons	19,917 tons

Last year, 176,564 gallons of native wine were distilled into grape spirit for wine fortification, while during the year under review 271,680 gallons were used for such purposes.

The sale of Canadian Brandy, which is produced from Ontario grapes, amounted to 23,349 gallons, an increase of 9,490 gallons over the previous year.

At the close of the year, there were twenty-two winery licenses operative, a decrease of one from the end of the previous year, direct sales to customers being made from the premises of seven wineries and forty-two branch retail sales shops.

HOME-MADE WINE PERMITS

Regulations designed to check the bootlegging of home-made wine, which became effective on January 1st, 1940, require that any person manufacturing more than 100 gallons of home-made wine must obtain a permit from the Board. The issuance of these permits commenced on January 10th, 1940. 332 home-made wine permits were issued during the fiscal period ending March 31st, 1941, a decrease of 401 compared with the previous year. Fourteen were cancelled for failure to comply with the regulations. From the applications submitted, a computation shows that 495 tons of Ontario grown fruit were used in production of the home-made wine covered by the above permits and that 65,305 gallons were made. The regulations in question have made it possible for a definite control to be exercised over the production and consumption of home-made wine and undoubtedly have eliminated abuses.

AUTHORITIES FOR THE SALE OF BEER AND WINE

Complete details by Municipalities of the number of Authorities which were issued, cancelled, suspended or surrendered during the year, together with reinstatements, are set forth on Schedule IV.

On March 31st, 1941—the end of the fiscal year—there were 1,198 Hotel Authorities in operation, 235 Club Authorities, 165 Military Mess Authorities and one Railway Authority.

Authorities were issued for six months to 46 Summer Hotels. Of these, seven were extended to an annual basis after payment of the required additional fee.

The fee for Hotel, Railway and Club Authorities was continued at seven cents per gallon of beer purchased and a five percent levy on wine purchased. The minimum fee of $300.00 per annum for full year Hotel and Railway Authorities, $150.00 for six months' Summer Hotel Authorities, $100.00 for Social Clubs and $50.00 for Soldier and Labour Clubs, remained unchanged.

The annual fees for Steamship Authorities and Military Mess Authorities were $50.00 and $30.00 respectively.

With regard to the sale of beer on the premises of hotel and club authority holders, an intensive inspection service is in operation to ensure that a high standard of cleanliness is observed and particularly that all pipes, connections and taps used in the serving of draught beer are thoroughly cleansed daily and that all glasses are immersed in a sterilizing solution and properly rinsed after each time used.

Hotels

On March 31st, 1941, 1,329 Standard Hotel Licenses were effective, of which 1,198 possessed an Authority to sell beer and wine; 38 were holders of Light Beer Permits and 93 held only the Standard Hotel License. There was no change in fees.

A comprehensive inspection of all hotels is being maintained and a conduct report covering each premises is submitted at least once a month and a more detailed report once each year.

It has been emphasized to the inspection staff that special attention must always be given to the question of fire prevention and safety of guests in hotels. In connection therewith, the whole-hearted co-operation of the Ontario Fire Marshall and his staff has been obtained and they materially assist in carrying out this very important and necessary work.

Failure on the part of any Authority Holder to comply with the Board's regulations and orders in the conduct of his premises, results, of course, in greater supervision on the part of the Board's Inspectors and when deemed necessary, disciplinary action.

The co-operation of Municipal and Provincial Police throughout the Province is gratefully acknowledged, all of which has contributed to improved conditions.

Permits

The social side of the Board's work must not be forgotten. A special staff is employed for the purpose of investigating matters of a social nature involving the excessive consumption of alcoholic beverages. The assistance of a number of Associations and people who have devoted their lives in the great field of social reform, as well as the various Municipal Relief Organizations, has been freely extended.

It should be borne in mind that the consumption of alcoholic beverages varies in accordance with economic conditions. Periods of prosperity increases it. It decreases with periods of decreased purchasing power. The advance of moderation and self-restraint will always play a most important part. After the experience of prohibitory legislation on the North American continent, it is clear that moral advance and the personal acceptance of voluntary limitation, if not voluntary abstinence, is the real solution of evils rising from the abuse of intoxicating liquors. The Board considers that a person's purchasing privileges should be denied in cases where liquor has been abused, purchased for resale, or bought at the expense of the home. Liquor should be purchased after, and a long way after, the necessities of life, if proper living conditions are to be maintained.

From April 1st, 1940 to March 31st, 1941, there were 39,873 individual Annual Liquor Permits issued. The sales of Single Purchase Permits totalled 3,403,001. Individual Permits sold to non-residents, valid for a period not exceeding one month, numbered 27. In addition 2,278 Special Permits were issued to Physicians, Druggists, Hospitals, etc.

In accordance with the requirements of the Act, the Board, after thorough investigation, deemed it advisable during the year to issue 3,176 Prohibitory Orders. Such action followed either notification relative to conviction for violation of the Act, or the receipt of a request or recommendation from some interested party, such as a relative, friend, magistrate, police officer, physician, relief officer, etc. These Prohibitory Orders comprised 559 full Board Orders which precluded the individual concerned from purchasing alcoholic beverages from any source, of which 35 resulted from Judges' Orders of Interdiction.

The remaining 2,617 were Orders which restricted the individual's liquor privileges.

Of these 2,617 cases, 1,001 were the result of convictions having been registered under the Criminal Code of Canada for intoxication while in charge of an automobile. A further 870 followed the conviction of the individual for violation of the Liquor Control Act, and the premises of 673 of these were declared a "public place" within the meaning of the Act. The other Orders were issued as being in the best interests of all concerned according to the judgment of the Board from the available information at hand.

During the year, after full investigation and consideration, it was decided to revoke 402 of the Prohibitory Orders which had been made effective at some prior date.

1,642 Special Permits were issued to Druggists. These Permits allowed the druggist to purchase alcohol in limited quantities for compounding and pharmaceutical purposes and also accorded him the privilege of buying rubbing alcohol for re-sale. The premises of all holders of Druggists' Special Permits were subject to periodical inspection and, in addition, druggists were required to file monthly with the Board a report of all rubbing alcohol sales.

Efforts were continued to prevent the use of rubbing aclohol as a beverage and during the year the names of 59 addicts were posted with all druggists in the larger communities of the Province.

GENERAL

The Board wishes once again to express its sincere thanks and appreciation to a loyal and competent staff, both at Head Office and throughout the Province, for the faithful manner in which they have performed their duties.

I have the honour to be, Sir,

Your obedient servant,

A. ST. C. GORDON,

Chief Commissioner.

BALANCE SHEET

As at March 31st, 1941

ASSETS

Land, Buildings, Furniture, Equipment, Fixtures and Alterations to Rented Premises, less amounts written off			$ 117,426.90
Cash on Hand, in Transit, and in Banks		$ 267,342.29	
Accounts Receivable		307,685.58	
Inventories of Liquor and Supplies in Warehouses and Stores (Valued at Cost)		4,628,775.35	$5,203,803.22
Prepaid Charges			32,995.78
			$5,354,225.90

LIABILITIES

Accounts Payable, Accrued Charges, Deferred Revenue, etc.		$ 2,703,827.24	
Due Provincial Treasurer, for			
Permit Sales—Balance from March 31st, 1940	$ 14,869.68		
Permit Sales—April 1st, 1940, to March 31st, 1941 (Net)	578,765.52		
	$593,635.20		
Less: Paid to Provincial Treasurer	575,000.00	18,635.20	
Permit Sales—1941-1942, less expenses		1,232.56	
Confiscated Liquor Stocks		9,803.66	$2,733,498.66
Surplus:			
Balance carried from Surplus Account		$12,845,727.24	
Less: Paid to Provincial Treasurer during the year ended March 31st, 1941		10,225,000.00	
Balance March 31st, 1941			$ 2,620,727.24
Contingent Liabilities:			
Liquors ordered but not delivered (including duty, freight, etc.)	$1,124,522.96		
Duty on Stocks in Bond	1,582,593.19		
			$5,354,225.90

AUDITORS' CERTIFICATE

We hereby certify that, in our opinion, the above Balance Sheet exhibits a true and correct view of the affairs of The Liquor Control Board of Ontario as at March 31st, 1941, and that the records and accounts of the same date conform thereto.

ROBERTSON, ROBINSON, McCANNELL & DICK,
Chartered Accountants.

Toronto, May 27th, 1941.

PROFIT AND LOSS ACCOUNT

For the year ended March 31st, 1941

				1940-1941	1939-1940
				Percentage	to Sales
Sales by Vendors					
Store Counter and Mail Order Sales of Wines, Spirits and Beer	$26,839,175.37				
Beer orders taken in stores for delivery by Breweries and Brewers' Retail Stores	8,781.45	$26,847,956.82		100.00%	100.00%
Stock on Hand March 31st, 1940	2,672,751.13				
Purchases	19,792,980.59				
	22,465,731.72				
Less: Stock on hand March 31st, 1941	4,591,532.93				
Cost of Sales by Vendors		$17,874,198.79		66.58%	62.16%
Gross Profit on Sales			$8,973,758.03	33.42%	37.84%
Miscellaneous Earnings			8,824.72	.03%	.03%
			8,982,582.75	33.45%	37.87%
Expenses:					
Administration and Operating Expenses, Head Office, Warehouses and Stores — Schedule I		1,812,891.31			
Items written off		6,156.75			
Depreciation on Buildings, Furniture, Equipment, Fixtures and Alterations to Rented Premises written off and reserved for	32,281.09				
Less: Included as Rental in Administration and Operating Expenses	3,844.20	28,436.89	1,847,484.95	6.88%	8.15%
			7,135,097.80	26.57%	29.72%
Other Revenue:					
Brewers' Retail Store License Fees		145,562.42			
Brewers' License Fees		90,000.00			
Malt Tax		2,199,419.05			
Gallonage Tax		591,221.19			
Authority Holders' Fees (Net after deducting Municipalities' Share)		1,234,262.65			
Light Beer Licenses, etc.		2,738.00			
Fines (Net)		35,891.75			
Native Wine Tax and Licenses		281,217.21	4,580,312.27	17.06%	16.58%
Net Income for Year Carried to Surplus Account			$11,715,410.07	43.63%	46.30%

SURPLUS ACCOUNT

For the year ended March 31st, 1941

Balance as at March 31st, 1940	$ 1,132,698.39
Deduct Sundry Adjustments	2,381.22
	1,130,317.17
Add Net Income for the year ended March 31st, 1941	$11,715,410.07
Balance carried to Balance Sheet	$12,845,727.24

SCHEDULE I

ADMINISTRATION AND OPERATING EXPENSES

HEAD OFFICE, WAREHOUSES AND STORES

For the year ended March 31st, 1941

		Percentage to Total Sales	
		1940-1941	1939-1940
Salaries (Less Permit Allowance)	$1,088,656.25	4.05%	4.98%
Legal and Audit	14,179.09	.05%	.07%
Rents paid, less received	195,010.99	.73%	.85%
Travelling	53,313.65	.20%	.22%
Superannuation	46,168.97	.17%	.21%
Insurance	11,256.59	.04%	.06%
Postage	11,704.13	.04%	.05%
Stationery	34,432.46	.13%	.18%
Telephone and Telegraph	12,275.04	.04%	.06%
Protection Service	5,183.10	.02%	.02%
Breakage	2,693.33	.01%	.01%
Light, Heat and Power	34,073.11	.13%	.14%
Repairs and Maintenance	31,666.22	.12%	.13%
Sundries	15,973.73	.06%	.07%
Freight and Cartage	126,788.68	.47%	.54%
Terminal Warehouse Charges	54,676.95	.20%	.16%
Taxes—Business	25,642.11	.10%	.12%
Discounts to Hospitals, etc.	1,954.63	.01%	.01%
Truck Maintenance	18,301.75	.07%	.08%
Packing Materials	28,940.53	.11%	.12%
	$1,812,891.31	6.75%	8.08%

NUMBER OF EMPLOYEES ON THE STAFF

at March 31st, 1941

(Including ninety-four temporary employees whose services are either part-time or seasonal)

Commissioner's Staff		3
Director of Hotels and Personnel		31
Comptroller's Staff		11
Legal Department		2
Accounting Department		60
Beer and Wine Department		29
Permit Department		20
Purchasing and Supply Department		7
Traffic Department		3
Customs Department		4
Stock Supervision Department		15
Brewery Inspection Department		28
Winery Inspection Department		3
Wine Permit Department		2
Store Inspection Department		11
Supervision of Stores and Properties		4
Head Office Maintenance Staff		4
Garage		8
Stores	599	
Warehouses	72	671
		916

SCHEDULE II

LIQUOR STORES, LICENSED BREWERS' RETAIL STORES, BREWERIES AND WINERIES IN ONTARIO AT 31st MARCH, 1941.

Liquor Stores

Store No.		
1	Church and Lombard Streets	Toronto
2	122 Wellington Street West	Toronto
3	1271 Dundas Street West	Toronto
4	170 Danforth Avenue	Toronto
5	1881 Queen Street East	Toronto
6	1271 Queen Street West	Toronto
7	2223 Dundas Street West	Toronto
8	928 St. Clair Avenue West	Toronto
9	959 Bloor Street West	Toronto
10	1121 Yonge Street	Toronto
11	949 Gerrard Street East	Toronto
12	402 Parliament Street	Toronto
13	1448 Danforth Avenue	Toronto
14	454 Spadina Avenue	Toronto
15	292 Dupont Street	Toronto
16	106 Richmond Street West	Toronto
18	Midland Avenue and Kingston Road	Scarboro Bluffs
19	Rogers Road and Blackthorn Avenue	Toronto
20	802 Lake Shore Road	New Toronto
21	29 Charles Street	Hamilton
22	673 King Street East	Hamilton
23	1057 Barton Street East	Hamilton
24	216 King Street	Port Colborne
25	81 King Street West	Dundas
26	419 Talbot Street	London
27	629 Dundas Street	London
28	12 Canal Street	Dunnville
29	Berford Street	Wiarton
30	82 Durham Street	Walkerton
31	47 Hurontario Street	Collingwood
32	94 Wyandotte Street East	Windsor
33	241 Drouillard Road	Windsor
34	628 Chilver Road	Windsor
35	3236 Sandwich Street West	Windsor
36	272 Queen Street	Ottawa
37	685 Bank Street	Ottawa
38	188 Rideau Street	Ottawa
39	King Street East	Cobourg
40	42-46 Princess Street	Kingston
41	209 Victoria Avenue	Fort William
42	101 King Street West	Brockville
43	137 King Street East	Kitchener
44	69 Dalhousie Street	Brantford
45	408 George Street	Peterborough
46	224 Front Street North	Sarnia
47	23 Ontario Street	St. Catharines
48	937 Victoria Avenue	Niagara Falls
49	66 Pitt Street	Cornwall
50	Cedar and Elgin Streets	Sudbury
51	72 Carden Street	Guelph
52	24-26 Cross Street	Welland
53	66 Cumberland Street South	Port Arthur
54	88 Main Street East	North Bay
55	32 Pembroke St. West	Pembroke
56	King Street	Prescott
57	37 Bridge Street East	Belleville
58	8½ Balsam Street North	Timmins
59	72 Collier Street	Barrie
60	88 Ontario Street	Stratford
61	210 King Street West	Chatham
62	314 Talbot Street	St Thomas
63	343 Queen Street East	Sault Ste. Marie
64	516 Dundas Street	Woodstock

Liquor Stores—Continued

Store No.		
65	Front Street	Trenton
66	6th Avenue North	Cochrane
67	Main and Ferguson Streets	Haileybury
68	214 Main Street South	Kenora
69	Church Street and Mowat Avenue	Fort Frances
70	22 Beckwith Street	Smith's Falls
71	King and Main Streets	Gananoque
72	34 Gore Street	Perth
73	610 King Street	Preston
74	61 Robinson Street	Simcoe
75	226 Devonshire Avenue	Iroquois Falls
76	Prospect Avenue and Silver Street	Cobalt
77	121 Main Street	Penetang
78	Wellington Street	New Liskeard
79	79 Walton Street	Port Hope
80	Parry Sound Road	Parry Sound
81	King and Queen Streets	Sturgeon Falls
82	79 Kent Street	Lindsay
83	31 Main Street West	Hawkesbury
84	Main Street	Picton
85	Daniel and Elgin Streets	Arnprior
86	Queen and White Streets	Dryden
87	Front Street	Sioux Lookout
88	River Street East	Paris
89	Pembroke and Mattawa Road	Mattawa
90	68 Simcoe Street North	Oshawa
91	Kirkland Street	Kirkland Lake
92	Third Street	Englehart
93	Gilmour Road	Fort Erie
94	Bridge Street North	Eganville
95	21 Water Street North	Galt
96	112 Main Street	Deseronto
97	Dundas Street	Napanee
98	22 Main Street	Alexandria
99	Emard Street	Embrun
100	25 Albert Street	Thorold
101	48 Main Street	Grimsby
102	Muskoka Street	Gravenhurst
103	Tudhope Street	Espanola
104	Main Street East	Thessalon
105	Concession Street	Tamworth
106	Main Street	Huntsville
107	Main Street	Palmerston
108	Woodward Avenue	Blind River
109	Murray and Bathurst Streets	Amherstburg
110	46 Wallace Street	Wallaceburg
111	Bedford Street	Westport
112	37 Government Road	Kapuskasing
113	Opongo Street	Barry's Bay
114	Corner Fourth Street and Broadway	Rainy River
115	43 King Street North	Waterloo
116	26 Arthur Street	Elmira
117	17 Birch Street	Chapleau
118	114 Young Street	Capreol
119	9 Main Street	Merrickville
120	West Dock	Pelee Island
121	1008 Wellington Street West	Ottawa
122	George Street	Hearst
123	Main Street	Lancaster
124	Corner Picton and King Streets	Niagara-on-the-Lake
125	99 Laurier Street	Rockland
126	Queen Street	Tilbury
127	Main Street	Morrisburg
128	Bruce Avenue	South Porcupine
129	Main Street	Geraldton
130	Manitoba Street	Bracebridge

BREWERS' RETAIL STORES

Store No.		
1W	14 Alexander Street	Toronto
2W	194 Queen Street East	Toronto
3W	614 Queen Street West	Toronto
4W	398 College Street	Toronto
5W	955 Bloor Street West	Toronto
6W	1257 Queen Street West	Toronto
7W	2160 Dundas Street West	Toronto
8W	1083 St. Clair Avenue West	Toronto
9W	440 Danforth Avenue	Toronto
10W	2149 Danforth Avenue	Toronto
11W	145 John Street North	Hamilton
12W	1080 Barton Street East	Hamilton
13W	84 Carling Street	London
14W	594 Dundas Street	London
15W	413 Hamilton Road	London
16W	1573 McDougall Street	Windsor
17W	1246 Ottawa Street	Windsor
18W	4281 Wyandotte Street East	Windsor
19W	268 Queen Street	Ottawa
20W	Broad and Wellington Streets	Ottawa
21W	208 Wellington Street	Kingston
22W	670 Bridge Street	Niagara Falls
23W	78 Niagara Street	St. Catharines
24W	11 College Street	Kitchener
25W	217 Talbot Street	St. Thomas
26W	271 Ambrose Street	Port Arthur
27W	269 Water Street	Peterborough
28W	131 Wellington Street	Brantford
29W	113 Quebec Street East	Guelph
30W	594 East Market and Water Streets	Brockville
31W	6 Dover Street	Chatham
32W	221 Sherman Avenue North	Hamilton
33W	155 Front Street	Belleville
34W	68-72 Pitt Street	Cornwall
35W	University and Spring Streets	Cobourg
36W	177 Main Street	Prescott
37W	22 Lorne Street	Sudbury
38W	210 Maxwell Street	Sarnia
39W	107 Oak Street West	North Bay
40W	2 King Street East	Lindsay
41W	193 Railway Street	Cochrane
42W	215 Bay Street	Sault Ste. Marie
43W	16 Victoria Street North	Smiths Falls
44W	Front Street	Trenton
45W	15 Riverbank St.	Welland
46W	36-38 Reeve Street	Woodstock
47W	32 Erie Street	Stratford
48W	Killally Street	Port Colborne
49W	1 Second Street	Timmins
50W	Pond Street	Simcoe
51W	269 Mill Street	Port Hope
52W	19 Main Street	Penetang
53W	182 Victoria Street	Pembroke
54W	553 King Street	Preston
55W	27 Cockburn Street	Perth
56W	Railway Street	Kenora
57W	624 Mowat Street	Fort Frances
58W	187 King Street	Gananoque
59W	5 Gilmour Road	Fort Erie
60W	16 Bayfield Street	Barrie
62W	Brunel and Main Streets	Huntsville
63W	82 Amwell Street	Haileybury
64W	First Avenue and Second Street North	Geraldton
65W	Elgin and Harriett Streets	Arnprior
66W	156 Lake Shore Road	Mimico
67W	Ross Street	Picton
68W	Murray and Bathurst Streets	Amherstburg

BREWERS' RETAIL STORES—Continued

Store No.		
69W	North Cayuga Street	Dunnville
70W	Main Street	Belle River
71W	Main Street	Glencoe
72W	Champagne Street	Parry Sound
73W	Main Street	Ridgetown
74W	Queen Street South	Tilbury
75W	First Avenue	Schumacher
76W	897 Queen Street East	Toronto
77W	59 King West	Dundas
78W	499 James Street North	Hamilton
79W	Victoria Street	Leamington
80W	269 Dalhousie Street	Ottawa
81W	161 King Street West	Oshawa
82W	24 St. Paul Street	St. Catharines
83W	9 Market Street	Thorold
84W	4 Dunn Street	Oakville
85W	Front Street	Sioux Lookout
86W	Berford Street	Wiarton
87W	35 Prospect Avenue	Kirkland Lake
88W	Durham and Peter Streets	Walkerton
89W	39 Dickson Street	Galt
90W	Muskoka Road and Main Street	Gravenhurst
91W	Mill Street	Napanee
92W	162 Wyandotte Street East	Windsor
93W	Nelson Street	Wallaceburg
94W	1395 Gerrard Street East	Toronto
95W	Goderich and Green Streets	Port Elgin
96W	6 Marlborough Street South	East Cornwall
97W	Locke Street	Morrisburg
98W	2422 Dufferin Street	York Township
99W	1133 Yonge Street	Toronto
100W	Norman Street	Palmerston
101W	Elgin and Simcoe Streets	Collingwood
103W	Government Road	Kapuskasing
104W	Nation Street	Casselman
105W	325 Simpson Street	Fort William
106W	15-17 Water Street	Burlington
107W	Broadway and London Streets	Tillsonburg
109W	Durham Road	Hanover
110W	Market and Mill Streets	Georgetown
111W	Main and Thomas Streets	Bracebridge

BREWERIES

Bixel Brewing & Malting Company, Ltd.	Brantford
Blue Top Brewing Company, Limited	Kitchener
Brading Breweries, Limited	Ottawa
British American Brewing Company, Ltd	Windsor
Canada Bud Breweries, Limited	Toronto
Capital Brewing Company, Limited	Ottawa
Carlings Breweries, Limited	Waterloo
Copland Brewing Company, Limited	Toronto
Cosgrave's Dominion Brewery, Limited	Toronto
Cosgrave's Dominion Brewery (East Toronto) Ltd.	Toronto
Formosa Springs Brewery, Limited	Formosa
Fort Frances Brewing Company, Limited	Fort Frances
Gold Belt Brewery, Limited	Timmins
Kakabeka Falls Brewing Company, Ltd.	Fort William
John Labatt, Limited	London
Lake of the Woods Brewing Company, Limited	Kenora
O'Keefe's Brewing Company, Limited	Toronto
Perth Brewery	Stratford
Port Arthur Beverage Company, Limited	Port Arthur
Soo Falls Brewing Company, Limited	Sault Ste. Marie
Sudbury Brewing & Malting Company, Limited	Sudbury
Walkerville Brewery, Limited	Windsor

LICENSED BREWING COMPANIES LOCATED OUTSIDE THE PROVINCE OF ONTARIO, THE PRODUCTS OF WHICH ARE SOLD THROUGH ONTARIO BREWERS' RETAIL STORES

Molson's Brewery, Limited	Montreal, Que.
National Breweries, Limited (Wm. Dow & Co.—Montreal) (Dawes Black Horse Breweries—Montreal) (Frontenac Breweries, Ltd.—Montreal)	Montreal, Que.

WINERIES	SALES OFFICES
Acme Wine Co. Ltd., 889 Queen St. W., Toronto.	708 Danforth Ave., Toronto
Barnes Wines Ltd., Grantham Twp., St. Catharines.	703 Yonge St., Toronto 16 Main St. E., North Bay 189 Front St., Belleville
Bordeaux Wines Ltd., R.R. No. 2, Stone Road, Niagara-on-the-Lake.	771 Queen St. E., Toronto
Bright's Wines, Limited Dorchester Road, Niagara Falls.	513 St. Clair Ave. W., Toronto 209 Yonge St., Toronto 186 Sparks St., Ottawa 91 King St. E., Hamilton 33 Elm St., Sudbury 591 Ouelette Ave., Windsor 187 Dundas St., London 520 Bloor St. W., Toronto 224 Charlotte St., Peterboro
Canadian Wineries Ltd., Stamford and Grantham Twps., Niagara Falls.	878 Yonge St., Toronto 378 Talbot St., St. Thomas 299 St. Paul St., St. Catharines 940 St. Clair Ave. W., Toronto
Cooksville Wine Vaults Alex. Thomas, Prop., Dundas Highway, Cooksville.	Dundas Highway, Cooksville
Danforth Wines Ltd., 1076 Lakeshore Rd., New Toronto.	1426 Yonge St., Toronto 828 Lakeshore Road, New Toronto 2091 Danforth Ave., Toronto 26 Queen St. E., Toronto
Grimsby Wines Ltd., 164 Main St. W., Grimsby.	427 Spadina Ave., Toronto
Hamilton, J. S. & Co. Ltd., 44-46 Dalhousie St., Brantford.	44-46 Dalhousie St., Brantford
Jordan Wine Co. Ltd., Jordan and St. Catharines.	169 Sparks St., Ottawa 1314 Bloor St. W., Toronto
Kitchener Winery, Bruno Huehnergard, Prop. R.R. No. 3, Kitchener	60 Queen St. S., Kitchener
London Winery Ltd., Westminster Twp., London.	1548 Bloor St. W., Toronto 409 Ridout St., London 268 Princess St., Kingston 52 Rideau St., Ottawa 174 King St. W., Chatham
Fred Marsh Winery Ltd., 749 Park St., Niagara Falls.	73 Bank St., Ottawa 31 Second St., Cornwall
National Wine Co. Ltd., 27 Brock Ave., Toronto.	27 Brock Ave., Toronto
Old Battlefield Wine Co., Bertrand Sanderson, Prop., R.R. No. 5, Hamilton.	744 Barton St. E., Hamilton
The Parkdale Wines Ltd., 181-185 Bathurst St., Toronto.	181 Bathurst St., Toronto 1165 St. Clair Ave. W., Toronto 42 Government Rd. W., Kirkland Lake 1046 Bloor St. W., Toronto

WINERIES—Continued

Peerless Wine Mfgrs. Ltd., 448 Queen St. E., Toronto.	448 Queen St. E., Toronto
Royal City Winery, John Tantardini, Prop., 32 Wilson St., Guelph.	32 Wilson St., Guelph
St. Catharines Wine Co. of Canada Ltd., Woodburn Ave., St. Catharines.	10-10½ Cedar St. S., Timmins 437 Parliament St., Toronto
Turner Wine Company, Mrs. H. Padden Robinson, Prop., 104-106 Front St. E., Toronto.	198 Queen St. W., Toronto 15 King William St., Hamilton
Twin City Wine Co., 514 McTavish St., Fort William.	287 Bay St., Port Arthur
Welland Winery, Louis Banko, Prop., 268 King St., Welland.	272 King St., Welland

SCHEDULE III.

STATEMENT SHOWING THE NUMBER OF PERMITS AND LICENSES WHICH WERE ISSUED DURING THE TWELVE MONTHS' PERIOD ENDING MARCH 31st, 1941

Permits

Resident	39,873
Temporary	27
Duplicate	1,308
Single Purchase	3,403,001
Hospitals	218
Physician	62
Druggist	1,642
Dentist and Veterinary Surgeons	33
Manufacturers	177
Mechanical and Scientific	146
Duplicate Special	6

Licenses

Brewers'	26
Brewers' Retail Stores	1,546
Native Wine	23
Sacramental Wine Vendorships	7
Non-Potable Alcohol Storage Warehouses	3

Light Beer Permits

Brewers' Light Beer Permits	2
Brewers' Light Beer Warehouses	3
Restaurant Light Beer Permits	35

SUMMARY OF AUTHORITIES, STANDARD HOTEL LICENSES AND LIGHT BEER PERMITS ISSUED, CANCELLED, SUSPENDED OR SURRENDERED AND REINSTATED DURING THE YEAR WITH NUMBER OPERATIVE ON MARCH 31st., 1941

Schedule IV

Municipalities	Authorities Issued				Authorities Cancelled Suspended or Surrendered				Authorities Re-instated which had been previously Suspended				Authorities Operative March 31, 1941				Standard Hotel Licenses Issued to non-authority holders		Standard Hotel Licenses Cancelled or Suspended which had been previously issued to non-authority holders		Standard Hotel Licenses Re-instated which had been previously suspended		Standard Hotel Licenses Issued to non-authority holders operative, March 31 1941	
	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit
Acton	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Adjala Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Aldbourough Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Alexandria	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Alfred Township	3	..	..	..	1	..	..	..	1	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Algoma North Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Alliston	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Almonte	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Alvinston	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Amherstburg	2	1	..	..	1	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..
Anderdon Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Anson Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Armstrong Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Arnprior	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Arthur	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Assiginack Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Aylmer	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Ayr	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Bala	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	1	..

Baldwin Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Barrie	6	..	1	..	..	..	..	..	..	..	..	..	6	..	1	..	..	..	..	..	..	..	..	..
Barry's Bay	1	..	..	..	1	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Barton Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Bayham Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	1	..	..	..	1	..
Beaverton	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Beeton	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Belle River	5	..	..	..	1	..	..	..	1	..	..	..	5	..	..	..	..	..	..	..	..	..	..	..
Belleville	7	2	1	..	..	..	..	..	..	..	..	..	7	2	1	..	..	..	..	..	..	..	..	..
Bertie Township	3	3	..	..	..	1	..	..	..	..	..	..	3	2	..	..	..	..	..	..	..	..	..	..
Bexley Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Blandford Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Blenheim	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2
Blezard Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Blind River	5	..	..	..	..	..	..	..	..	..	..	..	5	..	..	..	..	..	..	..	..	..	..	..
Blyth	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Bobcaygeon	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
Bonfield	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Bosanquet Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Bothwell	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Bradford	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Brampton	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Brant Township	3	1	..	..	..	..	..	..	..	..	..	..	3	1	..	..	..	..	..	..	..	..	..	..
Brantford	9	4	5	..	..	..	..	..	..	..	..	..	9	4	5	..	..	..	..	..	..	..	..	..
Brock Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Brockville	5	1	2	..	..	..	..	..	..	..	..	..	5	1	2	..	1	..	..	..	..	..	1	..
Bromley Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Bruce Mines	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Brussels	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Buchanan Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Burford Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Burk's Falls	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Burleigh Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Burlington	4	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..
Burlington Beach Comm.	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Cache Bay	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Caldwell Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Caledonia	2	1	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..
Calvert Township	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Cambridge Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	1	..
Capreol	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Cardinal	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Carnarvon Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2
Carrick Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Casimir Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..

SUMMARY OF AUTHORITIES, STANDARD HOTEL LICENSES AND LIGHT BEER PERMITS ISSUED, CANCELLED, SUSPENDED OR SURRENDERED AND REINSTATED DURING THE YEAR WITH NUMBER OPERATIVE ON MARCH 31st, 1941 Schedule IV—(*Continued*)

Municipalities	Authorities Issued				Authorities Cancelled Suspended or Surrendered				Authorities Re-instated which had been previously Suspended				Authorities Operative March 31, 1941				Standard Hotel Licenses Issued to non-authority holders		Standard Hotel Licenses Cancelled or Suspended which had been previously issued to non-authority holders		Standard Hotel Licenses Re-instated which had been previously suspended		Standard Hotel Licenses Issued to non-authority holders operative March 31, 1941	
	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit
Casselman	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Cayuga	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Chandos Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chapleau Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Chappel Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	2	1	..	..	..	..	2
Chatham Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Chatham	9	3	3	..	..	..	..	..	..	..	..	..	9	3	3	..	..	..	..	..	..	..	..	..
Chatsworth	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Chelmsford	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Chesley	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Chesterville	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Chippawa	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Clarence Township	4	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..
Clifford	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Clinton	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Cobalt	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Cobourg	6	1	..	..	..	..	..	..	..	..	..	..	6	1	..	..	..	..	..	..	..	..	..	..
Cochrane	6	..	..	..	..	..	..	..	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..
Colchester S. Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..

Collingwood	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
Cornwall	6	..	1	..	..	..	..	..	..	..	..	..	6	..	1	..	..	..	..	..	..	..	..	..
Cornwall Township	5	..	..	..	..	..	..	..	..	..	..	..	5	..	..	..	..	..	..	..	..	..	..	..
Cosby and Mason Townships	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Courtwright	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Creemore	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Crosby S. Township	2	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Crowland Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Crystal Beach	8	..	..	..	5	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Culross Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Cumberland Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Delhi	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Deseronto	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Douro Township	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dover Township	4	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..
Dresden	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Drury Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Dryden	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Dundalk	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Dundas	3	..	1	..	..	..	..	..	..	..	..	..	3	..	1	..	..	..	..	..	..	..	..	..
Dunn Township	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dunnville	4	1	1	..	..	..	..	..	..	..	..	..	4	1	1	..	..	..	..	..	..	..	..	..
Durham	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
Dutton	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
East Hope North Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
East Hope South Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Eastview	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Edwardsburg Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Eganville	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Elma Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	..	..	1
Elmira	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Elora	1	1	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..
Embro	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Emo Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Englehart	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Erieau	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Erin	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Esquesing Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Essa Township	1	..	12	..	1	..	..	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..
Essex	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Etobicoke Township	5	9	..	..	..	..	..	..	..	..	..	..	5	9	..	..	..	..	..	..	..	..	..	..
Exeter	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Ferris E. Township	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ferris W. Township	2	..	..	..	2	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Field Township	3	..	..	..	1	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..

SUMMARY OF AUTHORITIES, STANDARD HOTEL LICENSES AND LIGHT BEER PERMITS ISSUED, CANCELLED, SUSPENDED OR SURRENDERED AND REINSTATED DURING THE YEAR WITH NUMBER OPERATIVE ON MARCH 31st, 1941 Schedule IV—(*Continued*)

Municipalities	Authorities Issued				Authorities Cancelled Suspended or Surrendered				Authorities Re-instated which had been previously Suspended				Authorities Operative March 31, 1941				Standard Hotel Licenses Issued to non-authority holders		Standard Hotel Licenses Cancelled or Suspended which had been previously issued to non-authority holders		Standard Hotel Licenses Re-instated which had been previously suspended		Standard Hotel Licenses Issued to non-authority holders operative March 31, 1941	
	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit
Finch Township	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Fingal	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
Flamboro E. Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Flesherton	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Flos Township	4	..	..	..	2	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Forest	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Fort Erie	10	2	..	..	..	1	..	..	..	..	..	..	10	1	..	..	..	..	..	..	..	..	..	..
Fort Frances	6	1	..	..	..	..	..	..	..	..	..	..	6	1	..	..	..	..	..	..	..	..	..	..
Fort William	11	7	2	..	..	..	..	..	..	..	..	..	11	7	2	..	..	..	..	..	..	..	..	..
Frankford	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Franklin Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Galt	4	1	1	..	..	..	..	..	..	..	..	..	4	1	1	..	..	..	..	..	..	..	..	..
Gananoque	3	..	1	..	1	..	..	..	..	..	..	..	2	..	1	..	..	..	..	..	..	..	..	..
Georgetown	2	1	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..
Georgina Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Geraldton	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Glanford Township	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	1	..
Glencoe	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Gloucester Township	3	2	1	..	1	..	..	..	..	..	..	..	2	2	1	..	..	..	..	..	..	..	..	..

Goderich	4	..	..	..	1	..	..	..	..	..	..	..	3	..	..	..	1	..	..	..	..	..	1	..
Gore Bay	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2
Gower N. Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Grantham Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Gravenhurst	2	..	1	..	..	..	..	..	..	..	..	..	2	..	1	..	..	..	..	..	..	..	..	..
Greenock Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Grimsby	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Guelph	6	3	2	..	..	..	..	..	..	..	..	..	6	3	2	..	..	..	..	..	..	..	..	..
Guelph Township	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
Hagar Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Hagersville	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Haileybury	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Haldimand Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Hamilton	52	22	10	..	1	2	..	..	1	..	..	..	52	20	10	..	..	..	..	..	..	..	..	..
Hanover	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Harriston	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Hastings	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Hawkesbury	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Hawkesbury E. Township	1	..	..	..	1	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Hay Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Head, Clara & Maria Twp.	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Hearst	3	..	..	..	1	..	..	..	1	..	..	..	3	..	..	..	1	..	..	..	..	..	1	..
Hensall	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Hepworth	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Hespeler	2	1	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..
Highgate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Hilton Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Himsworth N. Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	1	..	..	..	..	..	1	..
Horton Township	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
Humberstone	2	..	..	..	1	..	..	..	1	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Humberstone Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Hungerford Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Huntsville	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Ignace Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Ingersoll	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
James Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Jarvis	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	1
Kaladar Township	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Kapuskasing	6	..	..	..	..	..	..	..	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..
Kearney	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Keewatin	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Kennebec Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Kenora	6	1	1	..	..	1	..	..	..	..	..	..	6	..	1	..	..	..	..	..	..	..	..	..
Killaloe Station	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Kincardine	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..

SUMMARY OF AUTHORITIES, STANDARD HOTEL LICENSES AND LIGHT BEER PERMITS ISSUED, CANCELLED, SUSPENDED OR SURRENDERED AND REINSTATED DURING THE YEAR WITH NUMBER OPERATIVE ON MARCH 31st, 1941 Schedule IV—(*Continued*)

Municipalities	Authorities Issued				Authorities Cancelled Suspended or Surrendered				Authorities Re-instated which had been previously Suspended				Authorities Operative March 31, 1941				Standard Hotel Licenses Issued to non-authority holders		Standard Hotel Licenses Cancelled or Suspended which had been previously issued to non-authority holders		Standard Hotel Licenses Re-instated which had been previously suspended		Standard Hotel Licenses Issued to non-authority holders operative March 31, 1941	
	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit
King Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1
Kingston	9	4	10	..	..	..	..	..	..	..	..	..	9	4	10	..	..	..	..	..	..	..	..	..
Kitchener	8	5	2	..	..	..	..	..	..	..	..	..	8	5	2	..	1	..	1	..	..	..	..	..
Kitley Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Lakefield	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
Lancaster	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Larder Lake	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
LaSalle	2	..	..	..	2	..	..	..	2	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Latchford	1	..	..	..	1	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Leamington	4	1	..	..	..	..	..	..	..	..	..	..	4	1	..	..	..	..	..	..	..	..	..	..
Lindsay	5	1	1	..	..	..	..	..	..	..	..	..	5	1	1	..	..	..	..	..	..	..	..	..
Listowel	2	..	2	..	..	..	..	..	..	..	..	..	2	..	2	..	..	..	..	..	..	..	..	..
Little Current	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2
Lochiel Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
London	24	8	8	..	..	2	1	..	..	1	..	..	24	7	7	..	..	..	..	..	..	..	..	..
Long Branch	2	1	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..
L'Orignal	2	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Louth Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Lucan	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..

Machin Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Madoc	1	..	1	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..
Magnetewan	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Maidstone Township	2	..	..	..	1	..	..	..	1	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Malden Township	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Mara Township	3	..	..	..	1	..	..	..	1	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
March Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Marmora	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Martland Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Massey Station	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Mattawa	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Maxville	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
McKillop Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
McMurrich Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Medora and Wood Township	2	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
Merrickville	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Merritton	2	1	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..
Middleton Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Midland	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Mildmay	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Millbrook	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Milton	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Milverton	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Mimico	1	1	1	..	..	..	..	..	..	..	..	..	1	1	1	..	..	..	..	..	..	..	..	..
Minden Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Mitchell	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Monck Township	3	..	..	..	2	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Monteagle Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Moore Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Morley Township	1	..	..	..	1	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Morris Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Morrisburg	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
MorrisonTownship	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
Mount Forest	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Nairn Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Napanee	4	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..
Neebing Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Nelson Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Neustadt	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Newcastle	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
New Hamburg	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
New Liskeard	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Newmarket	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	1	..
New Toronto	2	1	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..
Niagara Falls	17	3	1	..	1	..	..	..	..	..	..	..	16	3	1	..	..	..	..	..	..	..	..	..

SUMMARY OF AUTHORITIES, STANDARD HOTEL LICENSES AND LIGHT BEER PERMITS ISSUED, CANCELLED, SUSPENDED OR SURRENDERED AND REINSTATED DURING THE YEAR WITH NUMBER OPERATIVE ON MARCH 31st, 1941 Schedule IV—(*Continued*)

Municipalities	Authorities Issued				Authorities Cancelled Suspended or Surrendered				Authorities Re-instated which had been previously Suspended				Authorities Operative March 31, 1941				Standard Hotel Licenses Issued to non-authority holders		Standard Hotel Licenses Cancelled or Suspended which had been previously issued to non-authority holders		Standard Hotel Licenses Re-instated which had been previously suspended		Standard Hotel Licensse Issued to non-authority holders operative March 31, 1941	
	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit
Niagara Town	3	2	4	..	1	1	..	..	..	..	..	..	2	1	4	..	..	..	..	..	..	..	..	..
Niagara Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Nipigon Township	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Normanby Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
North Bay	6	..	3	..	..	..	..	..	..	..	..	..	6	..	3	..	..	..	..	..	..	..	..	..
Oakville	5	1	..	..	1	..	..	..	..	..	..	..	4	1	..	..	..	..	..	..	..	..	..	..
Oil Springs	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Omemee	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Orangeville	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
Orillia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Orillia Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
Oshawa	4	2	2	..	..	..	..	..	..	..	..	..	4	2	2	..	..	..	..	..	..	..	..	..
Osnabruck Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Ottawa	40	8	8	..	2	..	1	..	2	..	..	..	40	8	7	..	..	..	..	..	..	..	..	..
Owen Sound	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
Paipoonge Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Paisley	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Palmerston	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Paris	4	1	..	..	..	..	..	..	..	..	..	..	4	1	..	..	..	..	..	..	..	..	..	..

Parry Sound	2	1	..	..	1	..	..	..	..	..	..	..	1	1	..	..	2	..	..	..	..	..	2	..
Pelee Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Pembroke	5	1	1	..	..	1	..	..	..	..	..	..	5	..	1	..	..	..	..	..	..	..	..	..
Penetang	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Perry Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Perth	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Petawawa Township	..	..	8	..	..	..	..	..	..	..	..	..	..	..	8	..	..	..	..	..	..	..	..	..
Peterborough	8	1	1	..	..	..	..	..	..	..	..	..	8	1	1	..	..	..	..	..	..	..	..	..
Petrolia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Picton	2	..	2	..	..	..	..	..	..	..	..	..	2	..	2	..	..	..	..	..	..	..	..	..
Pittsburgh Township	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
Plantagenet N. Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	1	..	..	..	..	..	1	..
Plantagenet S. Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Playfair Township	2	..	..	..	1	..	..	..	1	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Point Edward	1	1	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..
Port Arthur	13	2	2	..	2	..	..	..	..	..	..	..	11	2	2	..	..	..	..	..	..	..	..	..
Port Colborne	6	..	..	..	3	..	..	..	3	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..
Port Credit	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
Port Dalhousie	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Port Dover	3	..	..	..	1	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Port Elgin	2	..	1	..	..	..	..	..	..	..	..	..	2	..	1	..	..	..	..	..	..	..	..	..
Port Hope	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Port Perry	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Port Rowan	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Portsmouth	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Port Stanley	4	..	..	..	2	..	..	..	1	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Powassan	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	1	..
Prescott	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Preston	5	1	..	..	1	..	..	..	1	..	..	..	5	1	..	..	..	..	..	..	..	..	..	..
Radcliffe Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Rainham Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Rainy River	2	1	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..
Ratter and Dunnett Township	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Renfrew	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1
Ridgetown	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Ripley	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Riverside	4	3	..	..	2	..	..	..	2	..	..	..	4	3	..	..	..	..	..	..	..	..	..	..
Rochester Township	3	..	..	..	1	..	..	..	1	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Rockland	3	..	..	..	1	..	..	..	1	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Rosseau	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Roxborough Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Russell Township	4	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..
St. Catharines	14	4	4	..	..	..	..	..	..	..	..	..	14	4	4	..	1	..	..	..	..	..	1	..
St. Marys	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
St. Thomas	12	1	1	..	1	..	..	..	1	..	..	..	12	1	1	..	..	..	..	..	..	..	..	..

SUMMARY OF AUTHORITIES, STANDARD HOTEL LICENSES AND LIGHT BEER PERMITS ISSUED, CANCELLED, SUSPENDED OR SURRENDERED AND REINSTATED DURING THE YEAR WITH NUMBER OPERATIVE ON MARCH 31st, 1941 Schedule IV—(*Continued*)

Municipalities	Authorities Issued				Authorities Cancelled Suspended or Surrendered				Authorities Re-instated which had been previously Suspended				Authorities Operative March 31, 1941				Standard Hotel Licenses Issued to non-authority holders		Standard Hotel Licenses Cancelled or Suspended which had been previously issued to non-authority holders		Standard Hotel Licenses Re-instated which had been previously suspended		Standard Hotel Licenses Issued to non-authority holders operative March 31, 1941	
	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit
Saltfleet Township	4	1	..	..	..	..	..	..	..	..	..	..	4	1	..	..	..	..	..	..	..	..	..	..
Sandwich E. Township	4	1	..	..	1	..	..	..	1	..	..	..	4	1	..	..	..	..	..	..	..	..	..	..
Sandwich W. Township	4	3	..	..	2	..	..	..	2	..	..	..	4	3	..	..	..	..	..	..	..	..	..	..
Sarnia	6	1	1	2	..	..	..	2	..	..	..	..	6	1	1	..	..	..	..	..	..	..	..	..
Sault Ste. Marie	14	6	1	1	5	1	..	..	5	1	..	..	14	6	1	1	..	..	..	..	..	..	..	..
Scarboro Township	7	7	..	..	..	1	..	..	..	..	..	..	7	6	..	..	..	..	..	..	..	..	..	..
Seaforth	3	..	..	..	1	..	..	..	1	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Sheffield Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Shelbourne	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Sherwood Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Shuniah Township	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Simcoe	5	1	1	..	..	..	..	..	..	..	..	..	5	1	1	..	..	..	..	..	..	..	..	..
Sioux Lookout	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Smiths Falls	4	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..
Smooth Rock Falls	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Sombra Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
Somerville	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Southampton	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
South River	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..

Southwold Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Springfield	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Springer Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Stamford Township	5	..	..	..	..	..	..	..	..	..	..	..	5	..	..	..	..	..	..	..	..	..	..	..
Stephen Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
Stephenson Township	1	..	..	..	2	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Stirling	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Stoney Creek	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Storrington Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
Stratford	7	1	3	..	1	..	..	..	1	..	..	..	7	1	3	..	..	..	..	..	..	..	..	..
Strathroy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
Streetsville	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Sturgeon Falls	4	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..
Sudbury	15	2	2	..	..	1	..	..	..	..	..	..	15	1	2	..	..	..	..	..	..	..	..	..
Sullivan Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Sundridge	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Sunnidale	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Sutton W.	4	..	..	..	1	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Tavistock	2	..	..	..	1	..	..	..	1	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Teck Township	15	1	..	..	..	..	..	..	..	..	..	..	15	1	..	..	..	..	..	..	..	..	..	..
Tecumseh	4	3	..	..	..	1	..	..	..	1	..	..	4	3	..	..	..	..	..	..	..	..	..	..
Thamesville	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Thedford	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Thessalon	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Thornbury	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Thorold	4	1	..	..	..	..	..	..	..	..	..	..	4	1	..	..	..	..	..	..	..	..	..	..
Tilbury	2	1	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..
Tilbury N. Township	2	..	..	..	2	..	..	..	2	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Tillsonburg	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Timmins	20	1	..	..	..	..	..	..	..	..	..	..	20	1	..	..	..	..	..	..	..	..	..	..
Tisdale Township	11	..	..	..	..	..	..	..	..	..	..	..	11	..	..	..	..	..	..	..	..	..	..	..
Toronto	117	48	27	5	..	3	..	5	..	1	..	..	117	46	27	..	2	..	..	..	..	..	2	..
Toronto Township	..	4	2	..	..	1	..	..	..	..	..	..	..	3	2	..	2	1	1	..	..	..	1	1
Trenton	4	..	3	..	..	..	..	..	..	..	..	..	4	..	3	..	..	..	..	..	..	..	..	..
Trout Creek	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Tweed	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Tyendinaga Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Uxbridge	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Vankleek Hill	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Vienna	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Walkerton	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Wallaceburg	3	1	..	..	..	..	..	..	..	..	..	..	3	1	..	..	..	..	..	..	..	..	..	..
Walsingham S. Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Warwick Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Waterdown	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..

SUMMARY OF AUTHORITIES, STANDARD HOTEL LICENSES AND LIGHT BEER PERMITS ISSUED, CANCELLED, SUSPENDED OR SURRENDERED AND REINSTATED DURING THE YEAR WITH NUMBER OPERATIVE ON MARCH 31st, 1941 Schedule IV—(*Continued*)

Municipalities	Authorities Issued				Authorities Cancelled Suspended or Surrendered				Authorities Re-instated which had been previously Suspended				Authorities Operative March 31, 1941				Standard Hotel Licenses Issued to non-authority holders		Standard Hotel Licenses Cancelled or Suspended which had been previously issued to non-authority holders		Standard Hotel Licenses Re-instated which had been previously suspended		Standard Hotel Licenses Issued to non-authority holders operative March 31, 1941	
	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit
Waterford	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Waterloo	3	2	..	..	..	1	..	..	..	..	..	..	3	1	..	..	..	..	..	..	..	..	..	..
Waterloo Township	6	..	..	..	..	..	..	..	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..
Watford	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Webbwood	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Welland	6	3	..	..	..	..	..	..	..	..	..	..	6	3	..	..	..	..	..	..	..	..	..	..
Wellesley Township	5	..	..	..	..	..	..	..	..	..	..	..	5	..	..	..	..	..	..	..	..	..	..	..
Wellington	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Westport	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Whitby	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Whitby Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Whitney Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Wiarton	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Wicksteed Township	2	..	..	..	1	..	..	..	1	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Windermere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
Widdifield	1	1	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..
Williamsburg Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Willoughby Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Wilmot Township	6	..	..	..	..	..	..	..	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..

Windsor	62	17	5	3	3	4	..	3	3	..	..	..	62	13	5	..	..	..	..	..	..	..	..	..
Wingham	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
Wolfe Island Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Woodbridge	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Woodstock	4	1	2	..	..	..	..	..	..	..	..	..	4	1	2	..	..	..	..	..	..	..	..	..
Woolwich Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Yarmouth Township	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
York Township	4	7	..	..	..	..	..	..	..	..	..	..	4	7	..	..	..	..	..	..	..	..	..	..
York East Township	2	4	..	..	..	..	..	..	..	..	..	..	2	4	..	..	..	..	..	..	..	..	..	..
York North Township	2	6	..	..	..	2	..	..	..	1	..	..	2	5	..	..	..	..	..	..	..	..	..	..
Unorganized Territory	75	2	5	..	16	..	..	..	2	..	..	..	61	2	5	..	1	..	..	..	..	..	1	..
TOTALS	1246	255	167	11	95	25	2	10	47	5	..	..	1198	235	165	1	98	38	5	..	..	..	93	38

Ontario Department of Agriculture

REPORT

OF THE

Minister of Agriculture

Province of Ontario

FOR THE YEAR ENDING MARCH 31st, 1941

Printed by Order of
THE LEGISLATIVE ASSEMBLY OF ONTARIO
(SESSIONAL NUMBER 21)

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1941

DEPARTMENT OF AGRICULTURE
PROVINCE OF ONTARIO

To The Honourable Albert Matthews, LL.D.,
Lieutenant-Governor of Ontario.

May It Please Your Honour:

I have the honour to submit the Report of the Department of Agriculture for the year 1940-41.

I have the honour to be, Sir,

Your obedient servant,

P. M. DEWAN,
Minister of Agriculture.

Toronto, March 31, 1941.

PRINCIPAL OFFICERS OF THE DEPARTMENT OF AGRICULTURE

THE HONOURABLE P. M. DEWAN, Minister

W. R. REEK, Deputy Minister

MISS J. M. FRY, Secretary to the Minister

MISS M. S. MARTIN, Accountant

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P. W. HODGETTS, B.S.A.	*Director, Fruit Branch.*
C. E. LACKNER, B.S.A.	*Director, Dairy Branch.*
R. S. DUNCAN, B.S.A.	*Director, Agricultural Representative Branch.*
CHARLES M. MEEK, B.S.A.	*Chairman, Milk Control Board of Ontario.*
GEO. WILSON, B.S.A.	*Director, Co-operation and Markets Branch.*
J. D. MacLEOD	*Acting Director, Crops, Seeds and Weeds Branch.*
R. W. THOMPSON, B.S.A.	*Provincial Entomologist.*
L. STEVENSON, B.V., Sc., M.S.	*Provincial Zoologist.*
T. A. DOUGLAS, B.S.A.	*Superintendent, New Liskeard Demonstration Farm.*
W. A. MONTCALM, B.S.A.	*Superintendent, Hearst Demonstration Farm.*

WAR SERVICES

A large amount of time has been given by members of the staff to various activities organized in connection with the war programme.

War-Time Emergency Nutrition Courses

In co-operation with the Canadian Medical Association, Canadian Life Insurance Companies and Canadian Red Cross, courses in war-time emergency nutrition were held at the Ontario Agricultural College during the month of July.

Red Cross groups in different parts of the province selected one hundred representatives who were given a special course. A second group of 87 volunteered to take the work and to assist in instructing groups in the community. During this course, special attention was given to problems of nutrition, the values of fruit, vegetables, meats, dairy products and other problems.

Dr. F. F. Tisdall of the Department of Paediatrics, Hospital for Sick Children, and Chairman of the Committee on Nutrition of the Canadian Medical Association, and the Hospital for Sick Children, under the leadership of Dr. Alan Brown, took an active part in the programme.

Ambulance Driving Courses

Under the leadership of the Department of Agricultural Engineering, Ambulance Driving Courses for women were organized and held during the following periods:—July 2-12; July 15-26; August 26-September 6, and September 9-20, 1940. The attendance reached 209.

R.C.A.F. Chefs' Course

Training of cooks for the Royal Canadian Air Force continued during the year with 160 men in attendance. The course covered a period of six weeks and consisted of instruction in meat cutting, principles of cooking and baking and the storage of foods.

Chefs from Ontario Hospitals

On a special request from the Minister of Health, the Hon. Mr. Kirby, arrangements were made for a course of instruction for the chefs from Ontario Hospitals. This course, attended by 12 men, was held during the period October 1-November 12, 1940.

Courses in Foods and Meat Cutting

Special training was provided in foods and meats for the cooks of the Perth Regiment of Hamilton.

A group of 47 cooks from Military District No. 1 was given a three weeks' course during the period September 5-26.

Instruction covered the cutting of meats; food preparation and conservation of food values; selection, storing and handling of fruit and vegetables; grades of eggs and poultry and other subjects of direct interest.

Youth in Training Course

Under the leadership of Mr. A. Maclaren, Director of Farm Training for Ontario, the Department of Labour has placed a large number of boys on farms throughout the Province. In order to give these young fellows some inspiration and guidance for their work, they were brought to the College for a period of two weeks. While here they were placed in charge of three supervisors, Messrs. B. J. Baker, J. S. Knapp and M. R. Norris.

Girls of Macdonald Institute Aid in War Work

On the opening of Macdonald Institute in the fall of 1940, a small fund was collected and special arrangements were made for the participation of all students in war service activities. A programme was outlined and a special time was set aside for the work. The girls entered into this in a whole-hearted way and with much enthusiasm. The result has been the purchase and completion of 278 garments which have been turned over to the Guelph Branch of the Red Cross to be sent to England.

Ninety-six pounds of jam were made, canned and turned over to the Red Cross.

In addition, 70 pounds of Christmas cake were made and sent in 1½ pound cuts to O.A.C. men and women who are now overseas.

Military Training

Military training was required of all male students who were physically fit. The C.O.T.C. continued as a unit with a membership of 250. The remaining group was organized as an Auxiliary Corps and given instruction three periods each week. An adjustment was made in the daily time table of the College to make it possible to close class and laboratory work at 3.15 p.m. Military training occupied the period from 3.30 to 5.30 p.m., five days each week. Agreement reached with the Department of National Defence provided that students in the Auxiliary Corps should complete 110 hours of training during the school year and then take two weeks' training in camp. This training was accepted in lieu of the required 30-day training period.

Under special provision, a 14-day training camp was organized at the college, April 14-27, with an enrolment of 240 men. The C.O.T.C. will attend camp at Thames Valley for a period of 14 days commencing May 28. The enlarged programme, carried out in an efficient way, was in charge of Major E. W. Kendall. He had the assistance of the following:—Capt. A. R. Gould, Lt. R. G. H. Livermore and Camp Medical Officer, Capt. A. B. McCarter. Our College had the generous co-operation of Brigadier-General D. J. MacDonald of London and his staff. Special assistance was provided through C.S.M.I. A. Oliver (AF).

War Services in Co-operation with R.C.A.F.

On the request of the Royal Canadian Air Force, Dr. H. D. Branion of the Department of Animal Nutrition has been authorized to give a part of his time to advisory work in connection with the various air training camps. Dr. Branion has served as a Liaison Officer between the College and the Air Force in carrying out the Chefs' Courses conducted at the College.

He has served as a Consultant to the Air Force on rations and messing and has also served on the committee set up by the Department of National Defence for the revision of the army ration and the Ration Committee of the R.C.A.F.

Leave of Absence for Members of the Staff

A number of members of the staff have been granted leave of absence to serve with the various divisions of the military forces:—

Dr. O. McConkey—16/43rd Battery, C.A.S.F.
John B. Gartshore—Hamilton Light Infantry.
C. P. Rivaz—16/43rd Battery, C.A.S.F.
S. A. Simmons—Highland Light Infantry.
R. D. Fowke—Paymaster's Corps.
Alex Stewart—Highland Light Infantry.
Jos. Jennings—16/43rd Battery, C.A.S.F.
R. G. Hunter—Royal Hamilton Light Infantry.
M. W. Webster—Defence Industries Limited.
E. G. Webb—R.C.A.F.
D. B. Shutt—C.A.S.F.

Courses Well Filled

In the general courses in Agriculture there was an enrolment of 584 while Macdonald Institute had an attendance of 215. Special courses held at different times throughout the year brought the total enrolment to 2773.

IMPORTANT EVENTS OF THE COLLEGE YEAR

Superannuation of Dr. W. R. Graham

Dr. William Richard Graham, Head of the Department of Poultry Husbandry, retired April 16, 1940. He had served on the College staff for a period of 41 years.

High honour came to Dr. Graham in November, 1939, when the University of Toronto conferred on him the degree of Doctor of Science (D.Sc.). In appreciation of Dr. Graham's services, the International Poultry Science Association held a dinner at the College, June 24, 1940. Members of the Department of Poultry Husbandry with the co-operation of the poultry industry, arranged for Mr. Kenneth K. Forbes, R.C.A., of Toronto, to paint a portrait of Dr. Graham. This was presented to the College during the Alumni meeting in June, 1940.

Superannuation of Professor L. Caesar

The retirement of Professor Lawson Caesar on June 1, 1940, marks the termination of an outstanding career in the entomological world.

Some years after his appointment to the O.A.C. staff, Professor Caesar became Ontario's first Provincial Entomologist when that office was created. He held that position until his retirement in June.

Dr. F. N. Marcellus Succeeds Dr. Graham as Head of the Department of Poultry Husbandry

Dr. F. N. Marcellus graduated from the College in 1911 and, except for a period of three years, he has served on the Department staff since that time.

Professor A. W. Baker is Appointed Head of the Department of Entomology

Professor A. W. Baker was appointed head of the Department of Entomology and Zoology in June, 1940.

Professor Baker graduated from the Ontario Agricultural College in 1911. On the superannuation of Dr. C. J. S. Bethune, November, 1920, he was made Professor of Entomology and Zoology.

Presentation of Canadian Room by Year '41

The Canadian Room in Massey Library was formally opened on Tuesday, February 25, 1941, and presented to the College by members of the Graduating Class of 1941.

The Unwin Room

The Unwin Room is a reading room in the Library which has been furnished as a Year Memorial by members of the Class of 1925 in memory of the late Professor G. H. Unwin of the Department of English. It is a tribute to his inspiring work as a teacher and his fine personality. The presentation of this room was made on Alumni Day, June 22, 1941.

RESEARCH AND SERVICE

A Laboratory for Assaying Feeding Oils

Cod liver and other feeding oils which have played an important part in the rations of many classes of live stock have been reduced in quantity as a result of war activities. With the hope of giving feed manufacturers, poultrymen and live stock men assistance in determining the value of feeding oils offered on the market, a laboratory, especially equipped for the assaying of oils, was authorized. Workers were appointed and a programme was set up by the Department of Animal Nutrition with the co-operation of the Departments of Poultry and Animal Husbandry.

Inspection of Commercial Pullorum Laboratories

Testing of flocks for Pullorum has been carried on by a number of commercial laboratories. These have held a license from the Dominion Department of Agriculture. With the curtailment of service as a result of the war programme, the Dominion people requested the Ontario Department of Agriculture to give supervision to the laboratories in Ontario.

On September 11, 1940, the Department of Bacteriology was authorized to inspect all commercial laboratories when requested by the owners and operators. Requirements for the necessary equipment and the operators were determined upon and outlined to a group attending the College for a conference on September 17, 1940.

County Soil Fertility Service

Rapid soil tests have been used to assist many thousands of farmers in determining the needs of their soils. The samples of soil were taken by individual farmers or collected by Agricultural Representatives and sent to the laboratory where the tests were made. With the results of the test, the Department of Chemistry has given to the farmer a statement covering the needs and some recommendations. In connection with this work two County soil fertility projects have been organized.

The York County Soil Fertility Survey was organized as a joint project, by the York County Agricultural Committee, the York County Council, the Ontario Department of Agriculture, and the Ontario Agricultural College, and the work was commenced in September, 1939. Through the representation of the County Representative, Mr. W. M. Cockburn, and the Agricultural Committee, the York County Council voted an appropriation of $1,000 to assist in financing the work. This sum was paid to the College in December, 1939.

Early in the spring of 1940 a programme for Peel County was organized under the leadership of the County Agricultural Representative, Mr. C. D. Graham.

The Agricultural Committee, under the leadership of the Agricultural Representative, agreed to organize the farmers in the County for the collection of the soil samples from individual farmers, the preparation of the soil records and the transportation of the samples and the records to the Soil Laboratory at the College. The Agricultural Committee also agreed to request an appropriation of $800 from the Peel County Council, to assist in defraying the expenses of this special survey. At the annual meeting of the County Council in the summer of 1940, the above appropriation was voted to be paid to the Ontario Agricultural College, for the support of the work.

A Study of Storage Space for Fruit and Vegetables

A study was undertaken by the Department of Horticulture, under the leadership of Dr. J. H. L. Truscott, on the cost of construction and the practical operation of storage houses and pits which are adapted to farm use. More and more attention is being given by fruit and vegetable growers to suitable storage of their products so as to meet market needs.

Three storages were erected on the campus during the summer of 1940. Two are above ground and one is a pit-type storage. The above ground storages are 20 feet long, 20 feet wide, 11 feet high in front and 9 feet high behind with flat roofs. The insulation is 6 inches of excelsior packed to approximately 5 lbs. per cubic foot with quick lime dust and copper sulphate dust added at the rate of about 1 lb. per 100 lbs. of excelsior. The insulation was placed between 2″ x 6″ studs and rafters and it is protected from water vapour by asphalt paper sealing on both sides of the studding. One building is entirely of wood construction and is set on wooden piles. The second has a plastered outer wall of hollow cinder blocks with an inside finish of tongue and groove lumber. All wood in contact with the ground was coated with emulsified asphalt. Cinder floors were used in both buildings. Both are equipped with cold-air inlets and warm-air chimneys.

The pit storage is approximately 20 feet by 15 feet by 6 feet deep. Asphalted cedar posts are set 5 feet apart around the sides with a plate laid on their tops. Nine-foot posts support a centre board from which 2″ x 4″ rafters are joined to the plate. One-inch rough lumber covers the roof and it was made water tight with asphalt paper. The insulation is about 2 feet of well packed wheat straw extended about 4 feet beyond the edges of the cellar. The wheat straw is covered with 4 inches of sod. An air inlet carries cold air to floor level and a chimney at the opposite end of the building eliminates warmed air.

The storages were used successfully during the winter of 1940-41 for some of the College dining hall supplies of fruits and vegetables.

Vitamin C

In co-operation with the Sick Children's Hospital, more than 200 varieties of fruits and vegetables have been assayed for Vitamin C. Some helpful recommendations are being offered on the production and processing of tomatoes.

Flour Testing

In the flour testing laboratory of Trent Institute milling and baking tests were conducted on 450 samples of wheat, flour, and other baking ingredients.

Farm Drainage

Farm drainage engineers have co-operated with 323 farmers in the running of surveys and outlining detailed plans for drainage schemes.

Pasture Improvement

In the study of pastures seeded with alfalfa 6 pounds, red clover 4 pounds, alsike 1 pound, timothy 5 pounds and brome grass 5 pounds per acre and to which a 2-12-12 fertilizer at the rate of 400 pounds of fertilizer per acre was added, it was found that the field produced 181 pasture days per acre in 1939 and 188 pasture days in 1940. The total pounds of milk produced per acre in 1939 were 4,966 and 5,543 in 1940. The pasture cost per cow per day for the two years was 2.7c.

Processed Honey Distributed as Starter

More than 5,000 pounds of honey was processed and distributed among beekeepers of the Province to be used as a starter. This valuable service is much appreciated.

Bee Disease Control

During the season of 1940, 64,403 live colonies of bees were inspected. Of the colonies examined, 2.5% were found to be infected with American Foulbrood.

Legume Cultures

5,044 legume cultures were prepared for seed inoculation and distributed to farmers.

Pullorum Testing

More than 230,000 samples of poultry blood were tested for Pullorum disease. For these tests and for distribution to private owners, 500,000 c.c. of pullorum antigen were prepared.

Control of Manganese Deficiency by Spraying

On a localized area of soil where oats and barley failed to develop to normal maturity, the crops were sprayed with a solution containing manganese. The plots returned to normal green colour followed by a rapid increase in growth.

Beef Pasture Experiments at Ailsa Craig

Results of the first five-year period showed on the pasture field an increase of 46.6% carrying capacity and an increase of 41.8% in gain of beef for the fertilized area.

Analyses of Butter Samples for Yeast and Mould

In a special laboratory authorized by the Department of Agriculture, a special study of yeasts and moulds in butter has been undertaken. More than 85 creameries are registered in this service and have already presented 1,982 samples of butter for analysis.

Control of Insects in Stored Grain

Farmers experienced more than the usual loss and injury from insects in stored grain. A large amount of assistance was given in the testing of fumigants under farm bin conditions and to determine the best and cheapest means of treating the grain.

Varieties of Barley

Twelve varieties of Barley were tested in co-operation with the Dominion Experimental Farms to determine the best for Ontario conditions.

Potato Investigations

Investigations on potatoes were continued in several of the potato growing areas in co-operation with the Dominion Experimental Farms. Information is being gathered on the best varieties, fertilization and cultivation.

Poultry Breeding Station Work

The project on Poultry Breeding reaches practically every County and District in the province. During the year 579 flocks containing 218,766 birds were under supervision.

COLLEGE FUNCTIONS

Baccalaureate Service

On Sunday, March 31, 1940, the annual Baccalaureate Service for the graduating classes of the Ontario Agricultural College, Macdonald Institute and the Ontario Veterinary College was held in War Memorial Hall. Rev. Thomas Wearing, Dean of the Colgate-Rochester Divinity School, delivered the sermon.

Following the service, a tea was held in the Cafeteria in honour of the graduating classes.

Convocation Exercises for Students in Agriculture

On Tuesday, May 21, Sir William Mulock, Chancellor of the University of Toronto, conferred degrees on 115 members of the graduating class. Addresses were delivered by Honourable P. M. Dewan, Minister of Agriculture, and the Honourable and Reverend Dr. H. J. Cody, President of the University of Toronto.

Macdonald Institute Graduation

Graduation exercises for students in Macdonald Institute were held Friday, June 14, in War Memorial Hall, when diplomas were presented to 108 graduates by the President of the College. Addresses were given by Honourable P. M. Dewan, Minister of Agriculture, and Dr. Robt. C. Wallace, Principal of Queen's University, Kingston, Ontario.

Trent Institute Closing Exercises

Closing exercises for students of Trent Institute were held on Tuesday, April 2. Dr. Christie presented diplomas to the ten students.

Canadian Author Lecture

On Tuesday evening, February 25, 1941, the Canadian Author Lecture was given by Professor Watson Kirkconnell of McMaster University, Hamilton, Ontario. Professor Kirkconnell is author of "The Flying Bull".

A delightful addition to the programme was the selections played by Marion Grudeff, Canada's outstanding child pianist.

Class '26 Memorial Lectureship

On Tuesday evening, November 12, 1940, under the auspices of the Year '26 Lectureship Committee, Dr. I. R. McHaffie, Manager of the Research and Development Division of the C.I.L., Montreal, came to the College and delivered a most interesting lecture on "The Atom—Its Place in Daily Life."

Address by Dr. R. B. McClure

On Sunday, January 19, 1941, Dr. R. B. McClure, who served in China as a medical missionary, delivered a most interesting address in War Memorial Hall on the subject "The Present Situation in China".

Alumni Reunion

The Annual Reunion, held June 21 and 22, 1940, was a most enjoyable affair. The graduates with their families and friends numbered eight hundred, many of whom attended the reception Friday night in Community House. Following the golf competitions at Cutten Fields, the visitors attended a noon banquet held in Creelman Hall. The after-dinner programme included as special features the unveiling and presentation to the College of an excellent portrait of Dr. W. R. Graham, former head of the Department of Poultry Husbandry; the presentation to the College of fine landscape paintings by Messrs. W. H. Wright, '12, and W. D. Tolton, '26; and the formal presentation of the Unwin Room in Massey Library.

SCHOLARSHIPS AND GIFTS

Macdonald Institute Students' Council made a gift of $182.90 for a refrigerator for Macdonald Hall.

Macdonald Institute graduating class of 1940 left a gift of $435.00 to assist in the purchase and installation of water softeners in both Macdonald Hall and Watson Hall.

Mr. and Mrs. W. D. Tolton presented to the College two paintings—"March Wind" and "First Snow". These pictures, the work of Mr. Tolton of the Department of Extension, are now hanging in the College Library.

Mrs. Robt. Armstrong of Guelph presented a phaeton to the College. This is a valuable addition to the collection of early vehicles and farm implements.

Professor H. L. Hutt of Georgetown presented a collection of books and reports to the Department of Horticulture. These have been placed in the Departmental Library.

Mr. F. J. A. Morris of Peterborough presented to the Department of Entomology a fine collection of Coleoptera. This will be of unusual value to students and research workers.

Mr. John McCallister, R.R. No. 2, Hespeler, donated an old grain separator to the museum.

Gifts of books and periodicals have been received from Mrs. Lewards, North Augusta, Ontario, and Mr. G. A. Pfeiffer, the Union Literary Society, the Philharmonic and Dramatic Society and the Student Christian Movement.

The Library has also been presented with a painting by Mr. W. H. Wright of Ottawa, a former student of the College.

Each year the students attending the Short Courses contribute to a fund for the purpose of securing suitable talent and entertainment for the evening programmes which are presented in War Memorial Hall. It has been their custom to turn over the balance of the fund to the President of the College to be used for the purchase of furnishings or other equipment.

The members of the 1940 Winter Short Courses decided that it would be a fitting gesture to make a contribution to a War Victims' Fund. Consequently a donation of Fifty Dollars was forwarded to the British War Victims' Fund sponsored by the Toronto Evening Telegram.

The late Dr. R. E. Stone of the Department of Botany left as a legacy to the department his valuable library of Botanical books. During the past year these books, which number one hundred and fifty volumes, have been arranged in a suitable case and installed in the Department of Botany under the name of "The Stone Library".

CHANGES IN STAFF

Promotions

April 1, 1940—C. P. Rivaz, Lecturer, Gr. 2, Department of Chemistry.
May 1, 1940—F. N. Marcellus, Professor of Poultry Husbandry and Head of the Department.
June 1, 1940—G. F. Townsend, Acting Head of the Department of Agriculture and Acting Provincial Apiarist.
July 1, 1940—A. W. Baker, Head of the Department of Entomology.
July 1, 1940—R. W. Thompson, Associate Professor and Provincial Entomologist.
July 1, 1940—H. W. Goble, Lecturer in Entomology, Gr. 2.
July 1, 1940—E. S. Snyder, Associate Professor of Poultry.
July 1, 1940—J. F. Francis, Associate Professor in Charge of Poultry Extension.
July 1, 1940—J. E. Bergey, Extension Specialist, Gr. 2, Department of Poultry Husbandry.
July 1, 1940—J. J. McIlraith, Lecturer in Poultry Husbandry, Gr. 2.
Nov. 1, 1940—J. H. L. Truscott, Lecturer and Chief of Horticultural Research.

Appointments

May 1, 1940—A. G. Leggatt, Laboratory Assistant, Department of Dairy.
May 1, 1940—C. L. Thomson, Research Assistant, Gr. 2, Department of Horticulture.
June 1, 1940—M. W. Webster, Assistant, Department of Agriculture.
July 1, 1940—R. K. Chapman, Assistant, Department of Entomology.
July 1, 1940—S. J. Slinger, Research Specialist, Department of Poultry.
Sept. 1, 1940—I. Motzok, Research Assistant, Gr. 2, Department of Animal Nutrition.
Sept. 1, 1940—W. D. Graham, Lab. Assistant, Gr. 2, Department of Animal Nutrition.

Sept. 16, 1940—A. Black, Plumber and Steamfitter.
Sept. 16, 1940—Miss Helen I. Passmore, Instructress, Macdonald Institute.
Sept. 16, 1940—Miss Marjorie L. Scott, Instructress, Macdonald Institute.
Oct. 1, 1940—H. M. Harrison, Research Assistant, Botany Department.
Oct. 1, 1940—J. R. Weir, Lecturer, Department of Field Husbandry.
Oct. 7, 1940—R. S. Ritchie, Lecturer, Department of Economics.
Nov. 1, 1940—C. E. Oakes, Clerk, Gr. 1, Bursar's Office.
Nov. 11, 1940—Miss Kathleen I. Denne, Instructress, Macdonald Institute.
Nov. 12, 1940—M. R. Wiancko, Assistant, Department of Field Husbandry.
Jan. 20, 1941—J. Smart, Fireman, Gr. 2.

Resignations

May 31, 1940—Dr. E. J. Dyce, Professor and Head of the Department of Agriculture.
May 31, 1940—R. G. Sawyer, Caretaker, Gr. 2, Department of Agriculture.
April 2, 1940—P. Brown, Plumber and Steamfitter.
May 1, 1940—A. T. Brown, Demonstrator, Department of Agriculture.
May 31, 1940—Miss Clare Keachie, Instructress, Macdonald Institute.
Dec. 31, 1940—J. E. Foster, Fireman, Gr. 3.
Mar. 1, 1941—F. K. B. Stewart, Research Assistant, Department of Horticulture.

Superannuations

April 16, 1940—Dr. W. R. Graham, Professor and Head of the Department of Poultry Husbandry.
May 31, 1940—Professor L. Caesar, Professor of Economic Entomology and Provincial Entomologist.
Sept. 1, 1940—T. J. McKinney, Demonstrator, Department of Dairy.

Leave of Absence for Members of Staff for the Duration

May 27, 1940—Dr. O. McConkey, Associate Professor, Department of Field Husbandry, Major, 16/43rd Battery, C.A.S.F.
June 19, 1940—J. B. Gartshore, Assistant in Economics, Hamilton Light Infantry.
July 26, 1940—C. P. Rivaz, Assistant in Chemistry, 16/43rd Battery, C.A.S.F.
Aug. 24, 1940—R. D. Fowke, Senior Clerk, Bursar's Office, Paymaster's Corps.
Sept. 9, 1940—S. A. Simmons, Assistant in Botany, Highland Light Infantry of Canada.
Sept. 9, 1940—A. Stewart, Lecturer in Economics, Highland Light Infantry of Canada.
Oct. 10, 1940—J. Jennings, Department of Field Husbandry, 16/43rd Battery, C.A.S.F.
Dec. 23, 1940—R. G. Hunter, Assistant in Economics, Royal Hamilton Light Infantry.
Feb. 1, 1941—M. W. Webster, Assistant in Agriculture, Defence Industries, Ltd.
Feb. 15, 1941—E. G. Webb, Demonstrator in Agricultural Engineering, R.C.A.F.
Mar. 13, 1941—D. B. Shutt, Lecturer in Bacteriology, C.A.S.F.

PUBLICATIONS

Bulletins

412—"Quick Frozen Fruits and Vegetables in Locker Storages," by J. H. L. Truscott.
Ontario Spray Calendars for Apples and Small Fruits, revised by the Departments of Botany and Entomology in co-operation with the Provincial and Dominion Authorities.
Ontario Vegetable Protection Calendar, revised by the Departments of Botany and Entomology in collaboration with the Provincial and Dominion Authorities.

Mimeographed Bulletins

"Bloom and Bulb Production of Hardy Spring Bulbs," by F. B. Stewart and R. Goodwin-Wilson.
"Weed-Free Lawns," by L. G. Klein.
"Gladiolus Culture" (Revised), by L. G. Klein.
"The Handling and Storage of Bartlett Pears Grown in the Niagara Peninsula," by J. H. L. Truscott.
"The Waxing of Rutabaga (Turnip) Roots for the Retail Market," by J. H. L. Truscott.

"The Storage of Foods" (with chapters on fruits and vegetables, by L. G. Klein and T. H. Jones), by J. H. L. Truscott.

"Recommended List of Rose Varieties" (Revised), by J. C. Taylor.

"The Yeast and Mould Service in Relation to Quality Improvement," by W. H. Sproule, Canadian Dairy and Ice Cream Journal, Vol. XX, No. 1, January, 1941.

"Mould Inhibitors for Cheese," by O. R. Irvine and W. H. Sproule; Canadian Dairy and Ice Cream Journal, Vol. XIX, No. 11, November, 1940.

Special Articles

"Gladiolus Gossip," by L. G. Klein, appeared monthly in Canadian Horticulture and Home Magazine.

"The Gladiolus Test Garden," by L. G. Klein, in the Annual Report of the Canadian Gladiolus Society.

"Details of Equipment for Testing Soils," in the Florists' Review, February 22, 1940.

"Variation in Pathogenicity and Cultural Characteristics of the Cotton-Wilt Organism, *Fusarium vasinfectum*." G. M. Armstrong, J. D. MacLachlan and R. Weindling; Phytopathology, Vol. XXX, No. 6, 1940.

"P-aminodimethylaniline Monohydrochloride as an Indicator of Microbial Action on Fat," C. H. Castell; Stain Technology, Vol. 16, No. 1, January, 1941.

"Bacteria in Well Waters," C. H. Castell and E. H. Garrard; The Can. Dairy and Ice Cream Jour., Vol. 20, No. 3, March, 1941.

"Action of Micro-organisms on Fat: III. Oxidation and Hydrolysis of Triolein by Pure Cultures of Bacteria," C. H. Castell and E. H. Garrard; Jour. of Agr. Res., 1941.

"Action of Micro-organisms on Fat: IV. Observations on the Changes in Globules of Triolein by Pure Cultures of Bacteria," C. H. Castell and E. H. Garrard; Jour. of Agr. Res. 1941.

"Cookies Are Popular," by W. R. Wybrow; Baker's Journal, June, 1940.

"Angel Cakes," by W. R. Wybrow; Baker's Journal, July, 1940.

"Frozen Egg Whites," by W. R. Wybrow; Canadian Baker and Confectioner, August, 1940.

"Transposition Table," by W. R. Wybrow; Canadian Baker and Confectioner, October, 1940.

"Inch Cost of Layer Cake," by W. R. Wybrow; Canadian Baker and Confectioner, December, 1940.

"Milk in Cakes," by W. R. Wybrow; Canadian Baker and Confectioner, January, 1941.

"Home Type Cakes," by W. R. Wybrow; Canadian Baker and Confectioner, February, 1941.

"Malt Specialties," by W. R. Wybrow; Canadian Baker and Confectioner, March, 1941.

Report of Provincial Inspection for the Season of 1940, by G. F. Townsend, Ontario Beekeepers' Association Convention, November, 1940.

"A Methyl Bromide Applicator," paper by G. F. Townsend, Ontario Beekeepers' Association Convention, November, 1940.

REPORT OF THE ONTARIO VETERINARY COLLEGE

CONVOCATION

At the Convocation of the University of Toronto on May 10th, 1940, the Chancellor, The Rt. Hon. Sir William Mulock, P.C., K.C.M.G., M.A., LL.D., conferred the degree of Bachelor of Veterinary Science (B.V.Sc.) on fifty-eight graduates.

The Hon. Eric Cross, M.A., K.C., Minister of Public Welfare, addressed the graduating class. A *résumé* of his address is embodied in the general report.

COMMENCEMENT

The Annual Commencement and Presentation of Prizes took place on November 21st, 1940, in the Assembly Hall of the College. J. G. Althouse, M.A., Dean of the Ontario College of Education, was the principal speaker. In the course of his address he stressed the responsibility of the graduate in the following words:

"The professional man today would do well to sensitize himself to the affairs of his community, and strive for coöperation through interests in common purposes with others. Thousands today are giving their lives for these things and our defence is incomplete until every one of us exemplifies in our actual living the things we know are right. Man must be willing to express his honest thoughts and allow others to express theirs. They must be able to sit down and discuss fairly the views of everyone and give consideration to others' ideas. The British through centuries have had a genius for listening to the ideas of others and giving them fair thought and for that reason Britain is the most effective example of democracy in the whole European world. We should assume responsibilities for our own satisfaction and for the right of others. In building up self-respect and consideration for others—choose the best way of life you know and pursue that path with confidence."

The prizes won by students were presented by the Hon. P. M. Dewan, Minister of Agriculture. He congratulated the prize winners and urged them to prove worthy of their awards. During the afternoon a military display was presented by the students' auxiliary military training unit. The unit showed exceptional smartness and was headed by the college bugle band.

STUDENT ENROLMENT

A total of 247 students were in attendance. As in former years, students were enrolled from all the provinces of Canada, as well as from other parts of the British Empire, and from the United States. The requirements for entrance and graduation have been maintained under the jurisdiction of the University of Toronto.

THE TEACHING AND EXECUTIVE STAFF

The members of the staff of the different departments are as follows:

C. D. McGilvray, M.D.V., D.V.Sc., *Principal:* Contagious Diseases, Sanitary Science.

W. J. R. Fowler, V.S., B.V.Sc.: Surgery, Anatomy.

R. A. McIntosh, M.D.V., B.V.Sc.: Diseases of Cattle, Obstetrics, Therapeutics.

H. E. Batt, V.S., B.V.Sc.: Zoology, Histology, Meat Hygiene.

F. W. Schofield, B.V.Sc., D.V.Sc.: Pathology, Bacteriology.

L. Stevenson, B.V.Sc., M.Sc.: Physiology.

J. S. Glover, V.S., B.V.Sc.: Milk Hygiene, Poultry Diseases.

A. A. Kingscote, B.V.Sc., D.V.Sc.: Pathology, Parasitology.

F. J. Cote, B.V.Sc.: Canine and Feline Diseases.

G. Cairns, B.V.Sc., M.R.C.V.S.: Sporadic Diseases, Hygiene.
V. R. Brown, B.V.Sc.: Anatomy, Hygiene.
W. G. Stevenson, B.V.Sc.: Parasitology.
A. F. Bain, B.V.Sc.: Bacteriology.
R. T. Ingle, B.V.Sc., M.Sc.: Pathology.
J. K. Blair: Jurisprudence.
A. L. Shepherd: Executive Clerk.
Miss E. Sleeman: Secretary.
Miss L. Nott: Librarian.
Miss M. Urquhart: Stenographer.

COURSES OF STUDY AND INSTRUCTION

The prescribed course of study for the degree of Bachelor of Veterinary Science (B.V.Sc.) extends over a period of five years. In the case of candidates submitting Pass Matriculation certificates, they may be admitted to the first year, while candidates submitting Honour Matriculation certificates, or who have completed one or more years in a recognized college or university, may be admitted to the second year of the five-year course.

A detailed outline of the entrance requirements and the course of studies is contained in the college calendar, which is available to those interested. In addition to the regular undergraduate course outlined in the calendar, special short courses were provided as follows:

SPECIAL PUBLIC HEALTH COURSE

A special course of instruction in Public Health was given senior students by the staff of the Ontario Department of Health. The course included the following subjects:

Public Health Administration.
Principles of Sanitation.
Communicable Diseases.
Food-Borne Infections.
Interpretation of Laboratory Findings.
Bacteriology of Enteric-Infections.
Human Parasitic Infections.
Inspection of Water Supplies.
Inspection of Sewage Disposal.
Inspection of Restaurants and Bottling Plants.
Industrial Hazards in Meat Packing Industry.
Ventilation and Fumigation.
Dairy Sanitation.

SPECIAL COURSE FOR FUR-BREEDERS

During the month of June a course was provided for those engaged in the rearing of fur-bearing animals. About 250 fur-breeders attended. The course was arranged in coöperation with the Ontario Fur-Breeders' Association and comprised lectures and demonstrations on the following subjects:

Whelping Problems in Foxes.
Illustrated Address on Fox Ranching.
Contribution of Science to the Breeding of Fur-Bearers.
General Discussion of the Fox Breeding Industry.
The Chinchilla Industry (Illustrated by Motion Pictures).
Selective Breeding of Mink.
Mink Breeding Problems.
General Discussion of Mink Breeding.
Prevailing Diseases of Fur-Bearers.

SPECIAL COURSE FOR VETERINARIANS

During the month of July a special course for graduate veterinarians was provided in coöperation with the Ontario Veterinary Association. There were approximately 150 in attendance and the programme comprised the following topics:

Diseases of Poultry.
Cattle Breeding Problems.
Diseases of Swine.
Small Animal Breeding and Management.
Diseases of Fur Animals.
Coccidiosis in Farm Animals.
Hemorrhagic Septicemia.
Lameness of Horses.
Anaphylaxis.
Clinical and Surgical Demonstrations.

During the months of December and January a series of lectures and demonstrations were given to students attending the Farmers' Short Course and Dairy Course at the Ontario Agricultural College. The course embraced the following topics:

Prevention and Control of Animal Insect Pests.
Mineral Deficiencies Affecting Farm Animals.
Preventable Diseases of Horses and Cattle.
Preventable Diseases of Sheep and Swine.
Care and Management of Breeding Animals.
Care and Management of the Young at Birth.
Cleaning and Disinfection of Stables.
Examination of Horses for Soundness.

CLINICAL AND EXTENSION SERVICE

This service is provided for the benefit of veterinarians and owners as may seem desirable. The nature and extent of the services rendered are indicated as follows:

Animal Clinics: These clinics are held each week throughout the college session. Animals of all classes may be submitted for observation, medical and surgical treatment.

Horses: These were chiefly surgical cases and included Fistulous Withers, Poll Evil, Caries Teeth, Cryptorchidism, Hernia, etc.

Cattle: Many of the cattle cases represented herd conditions, among the diseases predominating being Bang's disease, sterility, mastitis, calf scours, calf pneumonia, Johne's disease, actinomycosis, nutritional diseases, hemorrhagic septicemia, and malignant catarrh. In coöperation with the various live stock breeders' associations the work relating to the control of Bang's disease has been expanded on an experimental basis under the following plans:

1. By testing individual herds and segregating or removing the reactors.
2. By testing herds in prescribed areas and removing all reactors.
3. By the adoption of calfhood vaccination in badly affected herds.

A total of 58,283 cattle were tested under these plans and the results are contained in a separate report.

Swine: There has been a marked increase in the number of swine cases. These comprised surgical cases and many diseases affecting litters and herds. Among the diseases predominating were anemia of young pigs, gastro-enteritis, pneumonia, parasitism, nutritional deficiencies, hemorrhagic septicemia, swine erysipelas, necrotic enteritis, and hog cholera.

Sheep: The majority of these cases represented flock maladies and comprised parasitism, hemorrhagic septicemia, goitre, nutritional imbalances, pregnancy and lambing troubles.

Small Animals: Over 300 dogs and cats were submitted to the clinic for examination and treatment. While the majority were surgical cases, there were also a large number of disease conditions treated, including mange, eczema, distemper, chorea, gastritis, and dietary conditions.

Fur-Bearing Animals: The diseases and general welfare problems of fur-bearing animals on ranches were given all possible consideration. Considerable investigational work was undertaken relating to losses occurring on mink ranches. The experimental use of hyperimmune serum and tissue vaccine as agents in the control of distemper was tried in both mink and ferrets. Diagnostic work was also undertaken in the examination of specimens sent in for laboratory examination. The material submitted included food substances and fecal matter from fur-bearing animals. The laboratory work included autopsies on 165 animals, as shown in the following outline:

Nature of Disease	Fox	Mink	Rabbit	Ferret	Marten	Total
Pneumonia	6	15	3			24
Food Toxemia	4	32				36
Peritonitis		2				2
Uraemia		15				15
Distemper	4	4		7		15
Metritis		3				3
Nutritional Anemia		4				4
Strep. Infection		1			1	2
Staph. Infection		2				2
Vitaminosis	3	6				9
Milk Tetany Nursing Sickness		6				6
Intestinal Block		2	1			3
Acute Indigestion		5				5
Gastro-Enteritis	2	6				8
Paint Poisoning		1				1
Cancer		1				1
Chasteck Paralysis	3					3
Tuberculosis		2				2
Diabetes and Ketosis	2	11				13
Ruptured Liver	2	2				4
Parasitism	2	5				7
	28	125	4	7	1	165

RESEARCH AND INVESTIGATION

During the year considerable time was devoted to research and investigational work. Some of the diseases receiving attention are briefly summarized herewith:

Nutritional Anemia of Piglets: Further experiments in the use of "reduced iron" in the prevention of this disease demonstrate the necessity of giving larger and more frequent doses of iron to maintain an adequate level of hemoglobin. A level which we believe to be necessary to enable the animal to successfully resist infection.

Malignant Catarrh of Cattle: A report dealing with several outbreaks of the disease has been included, as we wish to draw the attention of practitioners to a disease which we feel may be less rare than has been generally believed.

Vitamin "A"—Assays of the Milk of Nursing Sows reveal cases of Marked Deficiency: Assays have been made to determine the number of International Units of Vitamin "A" in the milk of nursing sows, especially where high mortality had occurred among the young. In several instances a very marked deficiency was detected. The feeding of cod liver oil or foods high in Vitamin "A" with the rations during the winter months is strongly advocated.

The Diagnosis of Swine Erysipelas by the use of the Rapid Agglutination Test: The plate test antigen of Dr. Schoening when used in herds where erysipelas infection is suspected may prove to be of great value in determining the presence or absence of infection.

Blackleg in Sheep: Several outbreaks of acute infection in sheep due to *Cl. septique*, an anaerobic organism closely related to *Cl. chauvei*, have been dealt with.

Acute Interstitial Pulmonary Emphysema of Cattle: A number of cases, some fatal, of this strange disease occurred during the fall months, especially among cattle pasturing on rape and kale. Further investigation has been made but the exact pathology of the disease still remains undetermined.

Haemorrhagic Septicemia in Swine: Extensive experiments have been undertaken for the purpose of determining the pathogenicity of *P. suiseptica* for swine. Only with difficulty could infection be produced which would indicate that the organism is not highly pathogenic in normal healthy swine.

PATHOLOGICAL AND BACTERIOLOGICAL EXAMINATIONS

During the current year 938 specimens were received for laboratory examination, as indicated in the following table:

NATURE OF CASE	Cattle	Sheep	Horses	Swine	Dogs	Cats	Rabbits	Birds	Goats	Fox	Mink	Water	Feed Samples	Meat	TOTALS
Parasitic Infection	4	18		3	13				1						39
Coccidiosis							3								3
Neoplasms	9	2	9	6	24										50
Hodgkin's Disease					2										2
Leukaemia	3			1											4
Pasteurella Infection	11	12		53											76
Brucella Infection	8														8
Necrophorus Infection	10			7											17
Salmonella Infection				14							2				16
Streptococcus Infection				6											6
Influenza			3	12											15
Pneumonia	8	14		21						2					45
Distemper					6					5					11
Infectious Enteritis						10									10
Blackleg	5	3													8
Anthrax (Suspect)		1													1
Dermatitis	1			13	3										17
Urticaria				4											4
Erysipelas				12											12
Colon Septicemia				8											8
Hog Cholera				15											15
Scours of Newborn	14														14
Joint-Ill (Foals)			4												4
Arthritis				4											4
Abscess	4			2											6
Pyemia, Septicemia	2		2	6											10
Mastitis	9			2											11
Hepatitis	10			1											11
Pericarditis	8			11											19
Gastritis and Enteritis	3			19	3					6					31
Tonsillitis					6										6
Kidney Disease	15	1		4	3										23
Cirrhosis	1	2													3
Pyelonephritis	7														7
Tuberculosis	21			5				1							27
Johne's Disease	3														3
Actinomycosis, Actinobacillosis	7														7
Food Poisoning	1														1
Haemoglobinuria (Red Water)	4														4
Rape Poisoning	2														2
Swamp Fever (Suspect)			4												4
Deficiency Disease				7											7
Stiff Lamb Disease		12													12
Pregnancy Disease		8			1										9
Nutritional Anaemia				1											1
Blood Examination	19			140		8									167
Urine Tests	12														12
Seminal Fluid	3														3
Milk Samples	48														48
Pregnancy Tests			48												48
Chemical Poisoning				3	2										5
Miscellaneous	7	4	8	20	6		1	1				2	8	5	62
	259	67	78	398	56	18	4	2	1	13	2	2	8	5	938

BIOLOGICAL LABORATORY SERVICE

Preparation of Antigen: 18,020 test doses of *Brucella abortus* antigen were distributed to veterinarians for the agglutination test for Bang's disease, and 1,330 test doses of *Salmonella pullorum* for the agglutination test for pullorum disease.

Agglutination Tests: During the year 58,283 blood samples were received to be submitted to the agglutination test for Bang's disease. Included in this number are cattle intended for Export or Exhibition purposes, cattle from herds under the calfhood vaccination plan, and cattle from herds in prescribed areas. The results of these tests are shown in the following table:

	Positive	Doubtful	Negative	Broken, Hemolyzed or Otherwise Spoiled
Routine Samples	4,443	2,431	30,708	214
Export or Exhibition Samples	166	209	3,655	1
Calfhood Vaccination Samples	1,513	385	3,000	12
Prescribed Area Samples	469	657	10,408	12
Totals	6,591	3,682	47,771	239

ROUTINE EXAMINATIONS OF MILK AND CREAM SAMPLES

Routine tests were made on 360 samples of milk and cream submitted to the laboratory from time to time. These tests included fat and total solids determinations, standard plate counts, coliform tests, methylene blue, resazurin, reductase, phosphatase tests, and tests for mastitis.

POULTRY LABORATORY SERVICE

This consists chiefly in the routine examination of diseased poultry sent or brought to the laboratory. No serious outbreaks of disease were encountered, but the incidence of coccidiosis, pullorum disease of chicks and nutritional ailments remains at about the same level. In a great many instances these conditions could have been prevented if proper control measures had been employed.

Advice is always given as to the handling of the flock to prevent the spread of infectious diseases.

The number of specimens received during the past year and the diseases dealt with are shown in the following list:

Nature of Case	Number of Cases
Adult Pullorum Infection	141
Ascites	11
Avian Diphtheria	4
Cloacitis	2
Coccidiosis	414
Coryza and Roup	24
Enteritis	27
Enterohepatitis	77
Fowl Cholera	32
Laryngotracheitis	48
Leucosis	77
Pullorum Disease of Chicks	485
Tuberculosis	31
Other Infections	44
Egg Bound	3
Internal Laying	4
Impaction (Crop, Proventriculus, Gizzard or Intestine)	7
Injuries	18
Nutritional Conditions	264
Poisoning	1
Prolapse	6
Ruptured Liver	20
" Oviduct	4
" Cecum	3
Tumours	58
Worms (Ascaridia)	90
" (Capillaria)	53
" (Large Tapes)	60
" (Minute Tapes)	56
" (Round and Tapes)	51
External Parasitism	2
No Evidence of Disease or Putrid	118
Total	2,235

STUDENTS' MILITARY TRAINING

Under an arrangement with the Department of National Defense provision was made whereby students in the age groups eligible for military service could continue their studies at college and at the same time obtain part of their military training. This was made effective and the student body organized to form D Company of the Auxiliary Training Battalion. A brief outline regarding this course of training is appended.

Throughout the year an immense volume of correspondence has received attention, as well as daily personal interviews with those seeking advice. The demand for veterinary services, including research and extension work, has noticeably increased.

The entire staff has been busily engaged and have performed their duties faithfully. A high standard of efficiency has been maintained throughout, and all expenditures have been carefully supervised and kept at a minimum cost to the Province.

KEMPTVILLE AGRICULTURAL SCHOOL

The Kemptville Agricultural School has completed a satisfactory year in extension and instructional work for Agriculture in Eastern Ontario. The enrolment in the Junior Agricultural Class, the Junior Home Economics Class and the Agricultural Short Course showed substantial gain over the previous year. The students enrolling had a much higher academic training, and practically all were from farms being operated by their parents in Eastern Ontario.

The enrolment in the various classes was as follows:

Agriculture:	Senior Year (Two-year Course)	14
"	Junior Year (Two-Year Course)	26
"	Short Course	57
Home Economics:		
	Homemakers' Course (One Year)	18
	Home Economics (Two-Year Course)	6
Dairy Course:	Cheese and Buttermakers' Course	28

During the year various farm groups attended Conferences and Field Days at the School. Possibly the largest group was the Holstein Breeders who turned out over 500 strong.

The Local Red Cross have made use of the Home Economic Laboratory for two periods each week during the year.

For the first time in the history of the school, Military Training was introduced in the curriculum, and all physically fit students in the Agricultural Courses completed 30 days' training with six students qualifying as sergeants. Through the co-operation of the officers of the Brockville Rifles, instruction was given during three periods each week of the course.

The members of the Home Economics Classes engaged in War Service instruction in Mechanics, First Aid and other war-time efforts.

A successful K.A.S. Royal Show was staged by the students. An added feature was an inspection of the Military and War Service Groups by the Honourable P. M. Dewan, Ontario Minister of Agriculture, and Lieut.-Col. N. L. McDowell, O.C. of the Brockville Rifles.

The Kemtpville Agricultural School wishes to acknowledge the co-operation and assistance to the school by the Agricultural Representative Branch, Dominion Experimental Farm Services, Dominion Production Services, Ontario Women's Institute Branch, Ontario Livestock Branch, Dominion Health of Animals Branch, Ontario Field Crops, Seeds and Weeds Branch and the Agricultural Weekly and Daily Press, and appreciation to the following who donated scholarships: Geo. T. Fulford, M.P., Brockville; Rt. Hon. Geo. P. Graham, Ottawa; W. B. Reynolds, M.L.A., Brockville; Ottawa Farm Journal, Ottawa; J. I. Robinson, Vice-President, Crane, Limited, Montreal; Montreal Provisions Trades Association of the Montreal Board of Trade.

DIVISION OF HOME ECONOMICS

This year's class in Home Economics as a whole had a higher academic standing than previous classes and the students have shown unusual achievement. Six girls completed the second year of the Home Economics Class and Juniors and Homemakers numbered 18.

The curriculum included a war-time emergency course for girls, carried on with the co-operation of the Department of Agricultural Engineering. Classes took up Driving, Motor Mechanics, Car Servicing, First Aid and Stretcher Work, Map Reading and Gas Defence.

The students also received instruction in war-time knitting and sewing and contributed to Red Cross work. Two groups of local women used the facilities of the laboratory for Red Cross sewing.

The staff has conducted the lectures in the Home Economics field, supervised the students' residence and given assistance in Rural Women's activities.

Seven groups, numbering about 150 Women's Institute members, visited this division during the year. Each group spent a day discussing some phase of Home Economics and getting acquainted with the activities of the school.

The three-day Girls' Conference was held in April for the first time in some years. There was an overflow attendance of 120 girls, who showed unusual enthusiasm for the theme "Personality". The K.A.S. staff co-operated with the staff of the Women's Institute in putting on this programme.

Forty meetings were attended during the year with a total attendance of 2495.

DIVISION OF ANIMAL AND FIELD HUSBANDRY

Pure Bred Livestock

All classes of pure bred stock continued to make satisfactory improvement during the year.

All milking females of Holstein, Ayrshire and Jersey breeding were entered in R.O.P. and during the year 17 cows and heifers qualified.

The demand for pure bred breeding stock, while not as keen as in 1939, was quite satisfactory, especially during the latter part of the year. During the twelve months 44 sows and 20 boars were sold. Total receipts from the Swine Herd amounted to $3,072.21.

Commercial Livestock

During October twelve head of grade Shorthorn and Hereford steers and heifers and one pen of lambs were purchased for classroom use and feeding demonstration.

Farm Crops

The 1940 season was favourable for the production of all types of Farm Crops. Erban Oats again yielded satisfactorily with one ten-acre field averaging 72 bushels per acre.

Alaska Oats on lighter land produced an average yield of 60 bushels per acre. A four-acre field of Dawson's Golden Chaff Fall Wheat gave an average yield of 34 bushels per acre. Coronation Spring Wheat, O.A.C. No. 21 Barley and 15 acres of mixed grain made up the remainder of the Cereal Crop.

The Corn Crop, while not as heavy as in 1939, was an excellent stand. Mangels, turnips and potatoes also yielded well above the average. Hay again proved a bumper crop; all barns were filled and in addition three stacks were erected.

SEED CLEANING PLANT

The Seed Cleaning Plant had one of the largest volumes of business on record.

The following is a summary of the seed cleaned:

April 1, 1940 - March 31, 1941

Small Seeds

Sweet Clover	43,713 lbs.
Timothy	36,231 lbs.
Red Clover	29,067 lbs.
Alfalfa	24,904 lbs.

Grains

Oats	99,945 lbs.	(2,940 bus.)
Beans	14,728 lbs.	(245 bus.)
Barley	8,098 lbs.	(169 bus.)
Wheat	7,769 lbs.	(129 bus.)
Flax	7,536 lbs.	(135 bus.)
Peas	857 lbs.	(14 bus.)
Millett	732 lbs.	(15 bus.)
Rye	392 lbs.	(7 bus.)

Number of farmers using Plant — 280.

Receipts — $918.68.

Lecture Course

During the year this division gave a course of lectures to the regular students and Short Course students in Animal and Field Husbandry, attended 23 Field Days, 47 meetings and judged at 12 Fall Fairs.

DIVISION OF CHEMISTRY, SOILS AND FERTILIZERS

Permanent Fertility Plots

This project is being carried out at three locations—Merrickville, Bainsville and Foxboro. Four plots of at least 20 acres are laid out at each location with a varying fertility programme conducted throughout the complete rotation. Two years' results have been obtained at Merrickville; one year at Bainsville, and Foxboro was laid out in the fall of 1940 ready for treatments in the spring of 1941.

Co-operative Variety and Fertilizer Tests

In co-operation with the Cereal Division of the Central Experimental Farm, 18 testing areas were laid out in Eastern Ontario from Hastings County east. At eight locations, fertilizer tests were conducted, using two varieties of Oats and three varieties of Barley along with the regular variety trials. At seven locations variety trials alone were conducted on Spring Wheat, Oats and Barley. At three locations, fertility and variety tests were conducted in Fall Wheat.

Demonstration and Special Plots

Observational and yield data were obtained at seven locations from a residual standpoint. The comparison of ordinary and fortified manure was conducted at three locations. Fertility treatment on pastures were observed and yield data taken at three locations. Four special plots—three determining the use of lime—the other the effect of Boron were carried out.

Soil Testing Service was provided to all farmers caring to have their soil tested and recommendations given on tests. This service is rapidly expanding, with over 1000 samples tested. Many farmers are having their soils tested annually and basing the fertilizer mixture used on the results of the soil tests.

Statistical Summary

	Locations	*Total No. Plots*
Project No. 1	3	13
Project No. 2	18	2238
Project No. 3	15	62

DIVISION OF AGRICULTURAL ENGINEERING AND DRAINAGE

This division lectured classes in Agriculture, Dairy Course and Home Economics. The division acted as Drainage Supervisor for Eastern Ontario, working under the direction of the Drainage Department, Ontario Agricultural College, Guelph, Ont. During the year 67 visits were made, of which 29 were advisory and four inspections totalling 27,687 feet of drains and 34 preliminary surveys for which 64,015 feet of profile were made. In addition, 210 acres were systematically surveyed, thereby laying out 68,825 feet of drains. A large number of surveys were made and drains laid as a direct result of the drainage demonstration at Brockville in 1939.

Plowing Competition and Demonstration—October 1940

A plowing competition was held with the senior class and 13 students competed. A demonstration in Match Plowing was held with the junior class.

Explosives Demonstration—October 1940

Through the co-operation of the Canadian Industries Ltd., instruction and practice was given to the senior and junior classes in breaking rocks and lifting stumps with explosives.

Tractor Demonstrations

Expert mechanics from the Massey-Harris Company and the Cockshutt Plow Company demonstrated their tractors to the senior students.

DIVISION OF POULTRY

The usual lectures to regular students were carried on during the year.

The year's work was successful and a number of good records made, three birds laying over 300 eggs. The average production for the year was higher than for a number of years. Farm flocks culled totalled 72, and 60 Club flocks were inspected. A number of farm flocks were culled in a programme carried out with the co-operation of Farmers' Co-operative Egg Pools. The poor producers numbering 3,100 birds were marketed through the pools. This type of work is in demand and an effort is being made to extend its usefulness.

DIVISION OF HORTICULTURE

During the year a considerable amount of development work was done on the newly incorporated areas around the Dairy Building and Poultry Plant. It is hoped to produce a larger proportion of the needs of the school in the matter of vegetables and fruits.

The "hardy" or "double-worked" orchard, started four years ago and only partially budded so far, was fully "worked over" during the season, and a number of trees were budded to the best known of a fairly long list of new varieties. The new varieties chosen were those which have already begun to receive favourable comments from orchardists in Eastern Ontario and Western Quebec, such as—Atlas, Melba, Joyce, Lawfam, Lobo, Linda and Sandow.

During the Spring and Summer a number of visits were made to the homes of students of the school, ex-students and others who had asked for advice in planning and planting their home surroundings.

Acknowledgment with sincere thanks is made to a number of individuals who have given plants, trees or shrubs to the school, particularly the Horticultural Division of the Central Experimental Farm, Ottawa, for stock of new apple varieties, hardy pears and plums, and for a variety of plants, both ornamental and economic.

DIVISION OF DAIRYING

The 47th session of the Dairy Course had an enrolment of 28 students. Forty-nine applications were received for the course, but owing to calls for war services 43 per cent were unable to register. This was the first Dairy Course held in the new Dairy Building at the Kemptville Agricultural School. Thirteen counties were represented in the registration, namely:—Carleton 1, Dundas 5, Frontenac 1, Glengarry 2, Grenville 2, Hastings 2, Lanark 3, Leeds 3, Lennox 1, Prescott 4, Renfrew 1, Russell 1, Stormont 2. All the students completed their examinations and 26 qualified for school diplomas. Six special dairy lectures were given by members of the Federal and Provincial Dairy Branches with instruction on butter and cheese grading by the Federal Grading Staff. Thirty-seven visitors attended these lectures.

The following donations have been received for prizes to stimulate competition among dairy students: Montreal Provision Trades Association, $100; Ontario Creamery Association, $15; S. F. Lawrason & Company, Ltd., Silver Trophy for the student showing the best attitude toward dairy work.

A three-day Revision Course for Cheesemakers was held with an attendance of 48.

During the summer and fall the new Dairy Building was completed and equipped with the official opening November 14, 1940, by the Minister of Agriculture, Honourable P. M. Dewan. The Eastern Ontario Creamery Association Annual Convention was held in conjunction with this opening meeting.

Assistance was rendered at the Cheesemakers' Short Courses held in Newburg and Casselman.

During the year 48 visits were made to outside places in connection with the work of the school and the Dairy Branch which included 69 cheese factories and creameries and addresses to 12 Cheesemakers and Buttermakers Club Meetings.

HORTICULTURAL EXPERIMENT STATION, VINELAND

RESEARCH PROJECTS

Some Factors Affecting the Nitrate Content of an Orchard Soil: In 1928, an experiment was commenced to study the extent to which apple orchard cultivation may be reduced. This experiment is being carried on in a 6-acre block of apple trees planted in 1921. In the spring two plots are worked just sufficient to prepare a good seed bed and then a green manure crop is sown, usually around the middle of May. The other two plots are cultivated until July 15 and then seeded. The first treatment is referred to as minimum cultivation and the second method as regular cultivation.

Five year's records on nitrates and moisture are now available for this experiment. On the minimum cultivation plots the nitrate nitrogen level was low throughout the season. On the regular cultivation plots the nitrate level was higher for the six to eight week period from mid-June to mid-August. The higher nitrate level delayed fruit maturity, reduced fruit colour and caused greater loss from dropping in McIntosh. A system of green manuring that will keep the nitrate level low but still leave enough for the trees to make normal growth appears to be the ideal.

There were no appreciable differences in soil moisture between the two cultural treatments.

Yield and Grade of Peaches Picked at Optimum Maturity and four, and seven Days previous to this Stage: During the last few days before peaches reach the hard ripe stage there is a considerable increase in size which in addition to total tonnage increase may also mean a marked improvement in grade. Usually there is a price differential of eight cents per six quart leno basket between No. 1 and No. 2 grades. This means that gross returns are rapidly increased if a proportion of the crop is passing from No. 2 to No. 1 size. This has been true for Veteran peaches in 1939 and 1940 as grown on 13-14 year old trees at the Experiment Station. Elberta, on the other hand, grown on trees four years younger and with lighter crops, were larger peaches, all No. 1 and Select sizes even seven days before optimum maturity. As it is not often possible to get a higher price for Select than for No. 1 grade the relative increase in gross returns during the "final swell" of Elberta was not as great as it was with Veteran. The following data are based on measurements every second day of individual fruits of these two varieties as they approached maturity in 1939 and 1940. Prices being abnormally low in 1939 gross returns were calculated on average prices prevailing in 1940.

Comparative Yields* Gross Returns*

VETERAN

	No. 1 Grade	No. 2 Grade	Total	
7 days before optimum maturity	46	39	85	$ 74.
4 days before optimum maturity	65	25	90	84.
Optimum maturity (hard ripe)	96	4	100	100.

ELBERTA

	Select Grade	No. 1 Grade	Total	
7 days before optimum maturity	22	65	87	$ 87.
4 days before optimum maturity	50	44	94	94.
Optimum maturity (hard ripe)	69	31	100	100.

* On the basis of 100 bushels and $100. at optimum maturity.

Soil Analysis: The analytical work in the soils laboratory was continued during the past year. A total of 401 farmers' soil samples were analyzed and reports made. For Project No. 271, "A Study of the Extent to which Apple Orchard Cultivation may be Economically Reduced", a total of 624 moisture and 224 Nitrate determinations were made. For Project No. 361, "Soil Organic Matter Studies" there were 218 Nitrate and 32 Organic Matter determinations, and for Project 391, "Soil Fertility Studies with the Viking Red Raspberry", 98 Phosphorus determinations were made.

Cherry Rootstock Tests: In November 1940 a new variety test cherry orchard was planted to replace the original orchard set out in 1908. In addition to testing the newer varieties and maintaining trees of commercial varieties it was decided to use this orchard as a rootstock test.

This rootstock test is supplementary to that reported in the 1940 Report of the Minister of Agriculture. In addition to the two main rootstocks, Mazzard and Mahaleb, it includes also the vegetatively propagated Mazzard rootstock, F12/1, selected by the East Malling Research Station, Kent, England. Of these trees 34 are on Mahaleb, 31 on Mazzard, and 15 on F12/1.

Several seedling selections of the sweet cherry are also being tested in this orchard. Most of these are on Mahaleb but a few are also on the other rootstocks — 47 on Mahaleb, 8 on Mazzard, and 3 on F12/1.

Of the sour varieties 11 trees are on Mahaleb, 14 on Mazzard, and 4 on F12/1.

Trunk diameter measurements will be taken annually to determine the growth rate from the different rootstocks. This will be an addition to the regular variety records obtained in all test orchards.

Peach Fertilizer Experiment: In the spring of 1940 a 4½ acre peach orchard was planted in four sections of eight plots each. The fertilizers being used on these plots are cyanamid or sulphate of ammonia (N), superphosphate (P), sulphate of potash (K), and barnyard manure (H), the eight treatments being N, NP, NK, NPK, HN, HNP, HNK, and HNPK. These treatments were begun in the fall of 1940 with the exception of the nitrogen fertilizer which will be applied in the spring of 1941. The plan calls for annual measurements of growth of tree and yield of fruit. The eating, storage and shipping quality of the fruits will also be taken into consideration.

Fruit By-Products Laboratory: In co-operation with the Horticultural Division of the Central Experimental Farm, Ottawa, construction of a Fruit By-Products Laboratory was commenced in 1940. This will be completed early in 1941, making it possible to commence some work of an experimental nature this year.

The purpose of the laboratory is to determine the best processes for the canning of the various fruit juices and pulp. Experimental work on the therapeutic value of the various juices and blends is to be commenced as soon as possible.

FRUIT BREEDING

Strawberries: Plants of the seedling 301037, recently named VANROUGE—of outstanding merit for the quick freezing method of preserving—have been distributed to several growers for establishing small commercial plantations. These will give some information on the adaptability of Vanrouge to other conditions than those prevailing at this Station and will also provide sources of plants for any who may be interested in giving this variety a trial.

Until extensive tests have been made under varying conditions it is too early to make a general recommendation for planting Vanrouge in a commercial way. It is felt however that owing to its excellent freezing quality it is worthy of extensive test.

A brief description of this variety is perhaps in order so that those who are interested may have some idea of its main characteristics.

Origin—From a cross made in 1930 at this Station, between Station Seedling 180115 (derived from crosses of Admiral, Senator Dunlap and Early Ozark) and the Bliss variety from the Agricultural Experiment Station at Geneva, N. Y. *Plant*—Good to very good vigor, forms enough runners but not too many; healthy dark green foliage. Holds up reasonably well under drought conditions. *Fruit*—Crop medium; medium to large size; mid-season; medium dark colour both exterior and interior; tip may be slow to colour in cool moist seasons such as 1940; round conic shape, sometimes flattened and truncate; smooth and attractive; firm or moderately so; good quality, moderately acid; seeds prominent. *Value*—Outstanding for the "quick freezing" method of preserving according to tests made by the Department of Horticulture at the Ontario Agricultural College.

Another seedling produced by this Station, Number 270114, will, in all probability, be named in 1941. Its main characteristics are its earliness and productiveness over a long season. This seedling has been under test for a number of years and a few plants have been sent out to several growers.

Seedling No. 301988 also has considerable promise as a mid-season sort and some plants have been distributed for small commercial tests. It is a good vigorous grower. Yields well and produces rather light coloured but attractive fruit. It also may be named in the near future.

Quick Freezing Tests: The quick freezing of various fruit varieties was continued during the past year at the Department of Horticulture, Ontario Agricultural College, Guelph. The value of testing our many seedlings in this way is proving a worthwhile supplement to our breeding work with fruits. During the year we have named peach seedling No. 202339, VEEFREEZE, because of its remarkable freezing properties. This peach is primarily suited to the quick freezing industry and is not recommended for the basket trade.

VEGETABLE BREEDING

Sweet Corn: Breeding work with this crop has been continued, and in addition various varieties and hybrids have been tested. The main interest, however, has been with our own inbred lines of Golden Bantam and hybrids derived from them. Three of these inbred lines Nos. 1, 2 and 3, have now been registered with the Canadian Seed Growers Association as foundation stock. Small quantities of this seed are now available for distribution in 1941 for those who are interested in producing hybrid (F_1) seed. It should be distinctly understood however that these inbred lines are not for the production of a commercial crop but are specifically for the production of hybrid seed, which will in turn produce the commercial crop. These inbred lines are of course intended for use by seed growers and others who are interested in this method of seed corn production.

Two of the Station Bantam hybrids, namely, VINECROSS B4 and VINECROSS B5, have been produced in moderate quantities by two men interested in this type of work. This hybrid seed has been registered with the Canadian Seed Growers Association and is being offered for sale in 1941 as registered hybrid seed.

The Vinecross B4 hybrid is the result of crossing Vineland Inbred Bantams No. 3 by No. 2, and Vinecross B5 is from crossing Vineland Inbred Bantams No. 3 by No. 1, the seed parent being stated first in both cases.

Other Vegetables: Selected strains of asparagus, early cabbage, tomatoes and peppers were grown and compared with standard varieties. A new tomato breeding project was started in 1938, crossing Jan Ru with Ponderosa and other large solid fleshed types such as Beefsteak, Oxheart and Diener's Pepper. Selections from the F_2 generation were made in 1940. A slightly larger fruit than the Jan Ru with its solid flesh, bright red colour and thick firm outer wall is desired as a variety for canning whole.

Some new breeding work was started with melons to secure desirable strains which carry Fusarium Wilt resistance.

Some promising rhubarb crowns were selected during 1940 out of seedling stocks from open and selfed seed of the Ruby, Valentine and MacDonald varieties.

The VALENTINE rhubarb, originated at this Station, is meeting with considerable demand from western growers. It was selected in 1930 from open pollinated seed of the MacDonald variety. It is larger than its parent and has a very attractive red skin colour with red coloured flesh and excellent cooking qualities. Few seed stalks are produced on young crowns.

VARIETY TESTING AND PLANT BREEDING

Probably at no time are there less than twelve hundred varieties of fruits under test at the Station. Kinds of fruit include the small fruits, strawberries, raspberries, currants, gooseberries, blackberries (and related species), grapes, and the tree fruits, apples, apricots, cherries, peaches, pears, plums, nuts. In vegetables, the picture is much the same, with many varieties of the different kinds under observation.

The purpose of variety testing is to help determine, for Ontario conditions, the value of the constant flow of new varieties from near and far. Most new varieties are no improvement over present commercial sorts, but occasionally the tests reveal a new variety which has probable value. Such varieties are brought to the attention of the grower.

Plant breeding is the attempt to improve on present varieties, by hybridizing or crossing existing varieties, growing the resultant seedlings or hybrids to fruiting age, selecting out the promising ones for propagation and further test, making limited distribution to growers for commercial test, and finally, if a hybrid seems of sufficient merit, naming and introducing it for general commercial planting.

All this takes time and material. Long continued, extensive work is necessary to produce one improved variety. To date the Station has named and introduced the following varieties:

STRAWBERRIES—Vanguard (early), Vanrouge (for freezing).
RASPBERRIES—Viking.
SWEET CHERRIES—Victor, Vernon, Velvet.
PEACHES—Vedette, Valiant, Veteran, Vimy, Viceroy, Veefreeze.
PEARS—Russet Bartlett.
TOMATOES—Vetomold (Greenhouse), Harkness.
RHUBARB—Valentine.
SWEET CORN—Vinecross B4, Vinecross B5 (hybrids).

To secure the new fruit varieties alone (some very recently introduced, others now accepted as commercial varieties not only in Ontario but elsewhere as well), upwards of 150,000 seedlings from over 2,000 different combinations of parent varieties were fruited during the period 1913 to 1935.

EXTENSION

Nursery Inspection for Varietal Mixtures: Approximately 1,173,000 nursery trees were examined in 1940. This was a slightly smaller number than was rogued in 1939, sufficient decreases occurring in apples and peaches to more than counterbalance increases in pears, plums and cherries. 5573 trees, about 0.5% of the total, were found to be untrue-to-name. These were broken down or labelled correctly.

Spray Service: 1405 growers in the Niagara Peninsula received the Spray Service circulars during the year. 15 circulars and the Spray Calendar for Pears and Stone Fruits were mailed to each grower. 461 growers received in addition the Spray Calendar for Apples.

Inspection and Fumigation: The Provincial Entomologist was given assistance in supervising the inspection for Peach Yellows and Little Peach in the Niagara Peninsula; also in fumigating nursery stock to be shipped to Nova Scotia from Ontario nurseries.

Meetings: During the year members of the staff gave addresses at 38 meetings at which there was a total attendance of 2,550 persons.

Popular Articles

Orchard Cultural Requirements Based on Variety: G. H. Dickson, Can. Hort. & Home Mag., April 1940.

Fall Planting of Small Fruits: W. J. Strong, Can. Hort. & Home Mag., Sept.-Oct. 1940.

Age of Stock Determines Kind of Fruit Trees to Plant in Fall: W. H. Upshall, Can. Hort. & Home Mag., Sept.-Oct. 1940.

New Vegetable Varieties Under Trial this Season: O. J. Robb, Can. Hort. & Home Mag., Nov.-Dec. 1940.

Elberta and Other Elbertas: W. H. Upshall, Can. Hort. & Home Mag., Nov.-Dec. 1940.

Ontario's Tender Fruit Industry: E. F. Palmer, Ont. Fruit Growers' Assoc. Souvenir Programme, Jan. 1941.

Orchard Soils are Losing Fertility: E. F. Palmer, Family Herald & Weekly Star, March 26, 1941.

Green Manure Crops—Cheap Source of Organic Matter: W. H. Upshall, Can. Hort. & Home Mag., March 1940.

WESTERN ONTARIO EXPERIMENTAL FARM, RIDGETOWN

The crops at the Experimental Farm, Ridgetown, were above the average in 1940.

The following table gives the acreage and yield of the principal crops grown on the Experimental Farm in 1940:

Wheat	1282 bus.	30 acres
Oats	1752 bus.	20 acres
Winter Barley	195 bus.	3¼ acres
Spring Barley	188 bus.	3½ acres
Beans	660 bus.	27 acres
Soya Beans	47 bus.	2 acres
Corn (Husking)	2000 bus.	12 acres
Tobacco	4714 bus.	3½ acres

Livestock was maintained at about the same level as in the past year. Our herd of Shorthorns has been kept around 20 head.

Following the practice established the last two years 15 head of Hereford steers were taken in to feed during the winter. These steers were fed a ration of bean straw, corn silage, corn fodder, boiled culled beans and corn and cob meal. Their average gain during the five months' period was 315 lbs. The average daily gain was 1.8 lbs.

The following table gives a summary of the steer feeding work for the past three seasons:

	1939	1940	1941
No. of steers	8	12	15
Original weight	859 lbs.	872 lbs.	1002 lbs.
Finished weight	1165.2 lbs.	1129.5 lbs.	1317 lbs.
Gain	306.2 lbs.	257.9 lbs.	315 lbs.
Gain per day	1.9 lbs.	1.8 lbs.	1.8 lbs.
Profit per steer over feed cost	$4.23	$8.09	$8.96

Our Yorkshire herd was carried on as usual. Two young boars were purchased during the year and our annual sale was carried on as in the past two years.

The Ridgetown Experimental Farm sells considerable breeding stock and seed to the farmers of the district. The following gives the number of animals and the amount of seed sold during the year:—4 Shorthorn Bulls, 4 Heifers, 27 Boars, 90 Sows, 31 Cockerels, 12,810 Hatching Eggs, 700 bushels Fall Wheat, 400 bushels Oats, 150 bushels Barley, 350 bushels Beans, 6,000 lbs. Hybrid Corn Crossing Stock.

Services Maintained at the Experimental Farm

1. Soil Testing.
2. Swine and Poultry problems.
3. Insect and Plant Disease Diagnosis.
4. Landscape work with private and public grounds.
5. Seed Cleaning plant.

The following amount of seed was cleaned, as per report given below:

Wheat	4461 bus.
Oats	2781 bus.
Barley	304 bus.
Mixed Grain	359 bus.
Beans	1261 bus.
Corn	177 bus.
Red Clover	15705 lbs.
Alfalfa	10005 lbs.
Timothy	6835 lbs.
Millet	1750 lbs.
Alsike	480 lbs.
White Dutch Clover	255 lbs.
Red Clover and Alfalfa	675 lbs.
Radish	250 lbs.

6. Growing of crossing stock for Hybrid Corn.

An agreement was made with the Harrow Experimental Farm that they would look after the maintaining of the inbreds while we would make the first cross, which produces the crossing stock for the farmers who are growing hybrid corn for seed in Ontario. This work necessitated the procuring of land away from the Experimental Farm in order to get sufficient isolation, as nine different crosses were made during the year. We had plots on the following farms:—Frank Weaver, Turnerville; Bruce Cummings, Turnerville; Frank Hogan, Ridgetown; Wilfred Davison, Blenheim.

This work necessitated the building of a corn drier as it was necessary to have this extra equipment with which to carry on this important work.

The yield of this corn ran from 150 lbs. per acre to 25 bushels per acre, with an average for the year of 15 bushels per acre.

EXPERIMENTAL WORK

Corn

The Experimental Farm co-operated with the Field Husbandry Department of the Ontario Agricultural College, Guelph, in conducting tests with hybrid corn. Besides this, we had demonstration plots on our own farm and 15 other farms in Essex, Kent, Elgin, Middlesex, Lambton and Huron Counties.

In order to test out the effect of planting Hybrid Corn, second generation, a test was made with Wisconsin 645. The following table will give you the results:

Variety	*Hard*	*Soft*	*Nubbins*	*%*	*Shelling*	*Per Acre Yield Shelled*
	lbs.	*lbs.*	*lbs.*	*Moisture*	*%*	*Corn*
Wisconsin 645	511	190	62	33.0	86.5	4671 lbs.
Second Generation, Wisconsin 645	305	187	86	37.6	84.4	3661 lbs.

Fertilizer Experiment on Corn

Fertilizer and Rate of Application	*Yield Dry Corn 15% Moisture*		*Nubbins*
	Hard	*Soft*	
	lbs.	*lbs.*	
0-12-6 @ 100 lbs.	6163	204	117
0-12-6 @ 250 lbs.	6084	157	157
0-12-6 @ 375 lbs.	5985	266	149
0-12-6 @ 640 lbs.	6242	279	217
0-16-6 @ 100 lbs.	5739	377	157
0-16-6 @ 250 lbs.	5884	172	125
0-16-6 @ 375 lbs.	6244	267	118
2-16-6 @ 250 lbs.	5899	236	110
2-16-6 @ 375 lbs.	5527	216	154
4-12-6 @ 250 lbs.	5289	363	126
4-12-6 @ 375 lbs.	5342	223	190
2-12-10 @ 250 lbs.	5786	301	143
2-12-10 @ 375 lbs.	5285	489	110
No fertilizer	5552	479	134

Oats

Varieties of Oats		
Cartier	97 bus.	13 lbs. per acre
Dasix	77 bus.	14 lbs. per acre
Alaska	105 bus.	12 lbs. per acre
Gopher	69 bus.	
Worthy	77 bus.	15 lbs. per acre
Vanguard	98 bus.	16 lbs. per acre
Erban	100 bus.	28 lbs. per acre

Barley

Varieties of Barley		
Wisconsin No. 38	54 bus.	33 lbs. per acre
O.A.C. No. 21	52 bus.	23 lbs. per acre
Sparton (2 rowed)	52 bus.	9 lbs. per acre
Winter Barley	60 bus.	

Beans

Owing to the year being unsatisfactory, it is difficult to report definite data in regard to bean tests. The two varieties "Michelite" and "E.F.R." again stood at the head of the list, with the Michigan Robust in third place. The fertilizer experiment with beans did not show a great deal of difference except a higher increase in maturity where fairly heavy mineral applications were made.

Soy Beans

Variety	*Yield per acre*
O.A.C. No. 211	30.53 bus.
Manchu	30.40 bus.
Richland	28.73 bus.
Mandarin	26.34 bus.
A. K.	24.34 bus.

Horticulture

Several new varieties of peaches were added to the test orchard, and considerable top grafting was done in the apple orchard. The apple orchard had too many varieties of fall apples and some of these varieties were top grafted to later varieties that were not already in the variety test orchard.

An automatic exploder was used to advantage in the cherry orchard for the second year and resulted in saving the heaviest crop of cherries ever produced on the farm.

Professor D. R. Sands, of the Ontario Agricultural College, Guelph, conducted an experiment with different spray methods for the control of disease in Fall Tomatoes. This was the first year and, as the season was very wet, no definite information was obtained.

Pasture

Pasture crops have been receiving considerable attention during the past few years. Limited acreage and livestock make it impossible to carry on very many experiments.

By the use of annual pastures along with a plot of grass it has been possible to carry our 18 head of Shorthorns on nine acres for the pasture season without supplementary feeding.

Marrow stem kale and Sudan grass are the best of our annual pastures and Ladino clover, during the past two years, has earned a place in Southwestern Ontario's permanent pasture mixtures.

SWINE EXPERIMENTAL WORK

The work of testing Berkshire-Yorkshire crosses against pure-bred Yorkshires was continued for part of the year. There was very little difference in the results from what was reported last year. The crossbreds showed a little greater rate of gain. There was very little difference in the feed consumption per pound gain. In grading, however, the Yorkshires showed considerable advantage over the crossbreds, which resulted in a little greater profit.

An attempt was made in the last test to hold the crossbreds back in order to improve the grades. The grade was improved considerably by this method but when the grade was improved the rate of gain and economy of gain had no advantage over the Yorkshires.

Another experiment was conducted to show the value of protein in a finishing ration. These pigs were fed on the same basis until the last six weeks of feeding and then were placed on the following rations:

Ration No. 1—

Barley	70 lbs.
Oats	30 lbs.
Tankage—Clover Hay	6 lbs.
Feed per lb. gain	*4.8 lbs.*
Rate of gain	*1.3 lbs.*
Dressing %	*79*

Ration No. 2—

Corn	70 lbs.
Oats	30 lbs.
Tankage—Clover Hay	10 lbs.
Feed per lb. gain	*4.5 lbs.*
Rate of gain	*1.6 lbs.*
Dressing %	80

Ration No. 3—

Oats	34 lbs.
Barley	33 lbs.
Wheat	33 lbs.
Feed per lb. gain	*6.5 lbs.*
Rate of gain	*.9 lbs.*
Dressing %	*79*

Cull Beans as a Protein Supplement for the Growing of Breeding Pigs

During the winter, cull beans have been quite prevalent in the district. The pigs that are being raised for the sale, as well as the breeding herd, have been fed protein supplement composed of boiled beans 70 lbs. Tankage 50%, 20 lbs., and 10 lbs. of alfalfa hay fed in racks. Satisfactory litters have been raised from the sows on this supplement, as well as economical gains in the growing swine.

Farmers' Week

The second annual Farmers' Week was held during January. This year an attempt was made to hold sessions for the ladies as well as the men. Over 600 people attended during the week.

STATISTICS AND PUBLICATIONS BRANCH

The work of compiling agricultural statistics was carried on during the past year along the same lines as in the previous year, and excellent co-operation was extended by all persons and firms in supplying information requested on the different schedules relating to various branches of agricultural activity.

The statistical information prepared was released promptly and distributed, free of charge, to the public through the medium of the Monthly Crop Report, the Monthly Dairy Report, the seasonal Monthly Fruit and Vegetable Crop Report and the Annual Statistics Report.

This Branch mailed out a large number of bulletins dealing with agricultural subjects in response to individual requests and also sent out quantity lots of publications for local distribution through the county Agricultural Representatives and the agricultural colleges and institutions in the province.

A statement of the agricultural publications printed during the current fiscal year is set out herewith:

Annual Reports	*No. of Copies*
The Report of the Minister of Agriculture	1,650
Agricultural Societies	5,000
Entomological Society	1,500
Horticultural Societies	5,000
Ontario Agricultural College and Experimental Farm	2,000
Ontario Fruit and Vegetable Growers' Association	3,300
Ontario Veterinary College	1,500
Stallion Enrolment Board	2,800
Statistics Branch	3,000

Bulletins

Serial No.		
327	Knots and Splices, The Use of Rope on the Farm	10,000
390	Successful Potato Production in Ontario	10,000
408	Conserve by Canning	25,000
411	Curing Early Cut Hay on Tripods	10,000
412	Quick Frozen Fruits and Vegetables in Locker Storages	18,000
413	Four Methods of Chick Sexing	10,000
414	Capons and How to Caponize	10,000
415	Results of Four Years' Demonstration Work with Potatoes	10,000

Extension Circulars

54	Pastures for Poultry	7,500
59	Germinating Seed at Home	30,000
60	Weed Eradication by Chemicals	10,000

Handbooks

Feeding and Management of Swine	30,000
Recommendations for Soil Management and Use of Fertilizers	15,000
Milk Production	100,000
More Milk for Cheese	30,000

AGRICULTURAL AND HORTICULTURAL SOCIETIES BRANCH

AGRICULTURAL SOCIETIES

Under conditions prevailing in early 1940, Society Officers wondered whether money should be spent on fall fairs or citizens generally would attend and exhibit. There were similar doubts about other projects such as field crop competitions. While some societies were obliged to cancel fairs due to military authorities having taken over grounds, the majority decided to carry on, and a most successful year is reported in spite of unfavourable weather and labour problems.

Fall Fairs

A total of 274 regular fall fairs were held, 33 fewer than the previous year. Two large exhibitions were cancelled, the Central Canada, Ottawa, and the Western Fair, London.

Early season weather was not favourable. Some fairs suffered because of rain, but many others due to unsatisfactory harvesting conditions. Work had been long delayed, particularly in Western Ontario, and farmers were compelled to take advantage of every fine day to save crops. Only 39 societies applied for wet weather grants which permitted the payment of 90 per cent on gate receipt losses, the maximum allowed by the Act. A number of societies, including South Victoria (Lindsay), Teeswater and Madoc reported the best and most largely attended fairs in history.

The following report of gate receipts will indicate the attendance at some of the most successful "one pay day" fairs:

Teeswater	$2,752.00
Roseneath	1,927.70
Madoc	1,712.60

Over 50 per cent of societies included war classes, such as Red Cross exhibits and demonstrations. Realizing labour shortage would encourage purchase of more machinery, more attention was given to exhibits of equipment.

A change of Government policy affecting school fairs afforded an opportunity for Agricultural Societies to be of increased service to juveniles of public school age. In consultation with government officials formerly concerned with school fair promotion, a letter of recommendations was sent by the Superintendent to each society. Many prize lists were modified accordingly with satisfactory results. At Orono there was an inspiring row of 27 non-competitive school project exhibits. The encouragement of junior clubs for 'teen age boys and girls continues to be an important and extensive part of society programmes. In 1940, a total of 154 clubs were sponsored wholly, or in part, by Agricultural Societies.

"Black and White" shows were held in co-operation with 19 organizations. Entries ranged from 40, in the smallest show, to 150 at Metcalfe. At Williamstown an Ayrshire field day was held in addition. With about 100 entries in each of these dairy breeds, the live stock show was stated to have been the best since the St. Lawrence Valley Society was organized 127 years ago. At Strathroy, this plan has been extended to cover several County Breed Organizations.

Packing companies and other commercial firms provided specials for 20 societies for classes for pens of market hogs to be sold for slaughter. The highest entry was at Wingham, with 75 commercial hogs exhibited.

The Meaford and St. Vincent unit featured a grain show, sponsored by a local firm. A total of $423 was paid in prizes for grain and sheaves. Entry was open to Old Ontario, but 2½ bushels were required, which discouraged exhibitors of small hand-picked lots. There were 39 entries in the Oat class.

Other Projects

As in the previous year a large number of other enterprises were organized or sponsored by societies, as 70 per cent promoted other definite activities in addition to the holding of an annual fair.

Field crop competitions were continued as one of the most effective means of crop improvement. Owing to the cancellation of federal grants, the Ontario Department assumed the total cost, which doubled the expenditure for each competition. In view of this, it was decided that grants should be restricted to those crops which might provide seed for the following year. Such crops as ensilage corn were not eligible. In spite of this change, there was only a slight drop in the number of competitions and grants were paid on 178.

Miscellaneous

Grants for the maintenance of pure bred sires were paid to 13 societies, on 122 animals, being eight more than in the previous year, as follows: Stallions 2, Bulls 73, Boars 32, Rams 15. Total—122.

Spring shows were held by six societies. Another successful Christmas Poultry Fair was conducted by the Burks Falls Society.

The Priceville Society was officially dissolved.

Judges

Departmental judges were supplied for all field crop competitions and for fairs in Northern Ontario.

Schools for Judges were held at the O.A.C., Guelph, similar to those of the previous year. Certificates of attendance were issued to 115 men and 25 women.

ONTARIO ASSOCIATION OF AGRICULTURAL SOCIETIES

This organization had a very active year in assuming more responsibility for the guidance and encouragement of society officers. The Annual Convention was largely attended and enthusiastic. Plans whereby societies might promote the war effort received first consideration on the programme.

Association meetings were held in all of the 15 districts and in the majority two meetings were arranged, one in the winter or early spring and the other after the fall fairs had been concluded.

Service Diplomas were awarded by 70 societies. At the annual meeting of the South Victoria Society at Lindsay, Life Membership Certificates were presented to John Cullis and George H. Mark, each of whom had been exhibitors at the Lindsay fair for over 40 years. To encourage this type of recognition, the Ontario Association has inaugurated a service, by which any society desiring to present certificates may purchase them, suitably engraved, at nominal cost.

ONTARIO PLOWMEN'S ASSOCIATION

During the year, in addition to the International, 75 plowing matches were held and while in some cases entries were lighter, owing to harvesting conditions, generally matches were quite successful as measured by entries and contestants. In addition to Branch contests, 13 Junior Matches were held and nine Home Plowing Competitions. Plowing demonstrations were conducted by Departmental instructors in 14 centres.

Two new branches were organized, the Blue Mountain, in the western part of Simcoe County, and Dryden in the District of Kenora. The first plowing match, in the northern part of Temiskaming District, was sponsored in July by the Ontario Association of Agricultural Societies.

International Plowing Match, St. Thomas—Apart from the limitations caused by war and weather, conditions were unusually favourable for the big match. The Ontario Hospital Farm provided the nucleus for a model layout. The proximity of Bannockburn Farms and of the Air Training School added to the general attractiveness of the site.

Attendance was about 40 per cent greater than in any previous year and was more evenly distributed over four days. Entries jumped from 681 the previous year to 905, an increase of 224.

Juniors were prominent and nearly 100 young men competed in the Inter-County Classes. For horse drawn plows, there were 22 teams with 66 young men. The Farmers' Magazine Trophy was won by the Ontario County Team with E. A. Innis as coach; team members, Ronald Marquis, Sunderland; Morley Parish, Uxbridge, R.R. 3; Howard Thaxter, Uxbridge, R.R. 3.

In the Inter-County Tractor Class, with 13 entries, the James McLean Memorial Trophy was won by Haldimand County Team. A. Gordon Skinner was coach and team members were: Keith McBurney, Jarvis, R.R. 3, and Lewis Gibson, Caledonia, R.R. 3.

Championships

Winners in the Salada Tea Company class were deemed to be champions of horse drawn plow events. Gold Medal—John B. Lister, Hornby; Silver Medal—Harold Picket, Hornby. In addition to the medals, each was awarded an Agricultural Educational Trip, with all expenses paid, by the above-named company. Accompanied by a manager appointed by the Ontario Plowmen's Association, these young men will see Canada on a trip to the Pacific Coast.

Tractor competitors this year were also privileged to plow for a trip by the announcement that winners in the open tractor classes might qualify to represent Canada in the first National U. S. Match in Davenport, Iowa, on October 29.

Awards—Tractors in Stubble: Champion—Alex. Black, Guelph; Reserve—Geo. Hostrawser, Malton. Tractors in Sod: Champion—Alex. Black, Guelph; Reserve—Fred Timbers, Stouffville. These three plowmen

were accompanied on a trip to the U. S. contest by representatives of the Ontario Plowmen's Association. Conditions were difficult as the plowmen were unfamiliar with soil, standards of plowing, and with the type of plows being used. In spite of these limiting factors, Fred Timbers was declared the Champion of this first U. S. National Match.

Exhibits and Demonstrations

Facing a labour shortage, farmers in 1940 were greatly interested in machinery and labour saving devices for the farm and home. Manufacturers sensing this situation took full advantage of the opportunity presented by the International, by extending the number and size of exhibits. The educational service of the big Match was extended this year by an increase in the number of demonstrations which included the following: Farm Drainage, Plow Setting, Cultural Implements, Row Crop Tractor, Soil Testing, Tripod Hay, Road Grading, Combine Harvesting, Pick-up Baler, Inspection Hybrid Corn Tests, Seed Cleaning, Multiple Hitch, Eight-Horse Hitch to Wagon, Grading of Farm Products.

All agreed that the most interesting and spectacular exhibits were those displaying Elgin County soil products and live stock. Educational exhibits were well patronized. These departments were represented by the following:

Ontario Agricultural College, Chemistry, Agricultural; Engineering and Animal Husbandry Departments, Guelph.
Ontario Experimental Farm, Ridgetown.
Crops Branch, Ontario Department of Agriculture, Toronto.
Markets Branch, Ontario Department of Agriculture, Toronto.
Ontario Department of Health, Toronto.
Extension and Publicity Branch, Department of Agriculture, Ottawa.
Central Experimental Farms System, Ottawa.
Ontario Department of Lands and Forests, Toronto.

Horse Shows and Shoeing Contests

In the Horseshoeing competitions, the Grand Championship Trophy was won by Charles Shepherd, Toronto.

First prize winners:

Class 1	Robt. Henderson, Lambeth
Class 2	Charles Shepherd, Toronto
Class 3	John Reid, Todmorden

Elgin is noted for good horses and their quality was reflected by two horse shows, the winners of which were:

Local Day

1. Duncan J. Fletcher, Ilderton
2. John C. Gillies, Rodney

Open Competition

1. Bannockburn Farms, St. Thomas
2. Grant Summers and Son, Aylmer

Banquets

The St. Thomas Kiwanis Club, long known for its support of Agriculture, was host on Tuesday evening to Local Day Competitors, and guests, also to Elgin County farmers, in lieu of annual Farmers' Night. An address by the Hon. C. G. Powers, Minister of Air for Canada, other speakers and suitable entertainment, were enjoyed immensely by those permitted to attend. The Prime Minister of Ontario, Hon. M. F. Hepburn, was guest speaker at the closing banquet, served to over 1,100 guests, by the City of St. Thomas.

HORTICULTURAL SOCIETIES

During the year, three new Societies were organized—Remington Park, Casselman and Virginiatown. Authorization was given for the dissolution of Athens and Tilbury. The roll included 240 Societies, but a number were dormant or for other reasons did not qualify for Government aid. Grants were paid to 225.

Community Improvement is receiving more promotion by Societies year by year. Approximately 63% reported public planning in 1940 and 38% gave encouragement to juniors.

At a time of difficulty in maintaining membership, it is interesting to note that 33.5% reported an increase. Some of the leading Societies are listed.

Society	*Membership* *1939*	*Membership* *1940*	*Percentage Increase*
Orono	50	125	150%
Russell	46	105	128%
Ottawa	272	572	110%

Rural Beautification

While this work, directed by a special committee in the Department of Agriculture, has been general over the Province, it has been more concentrated in the counties of Lambton, Haldimand, Northumberland, Carleton, Bruce and Grey. In Lambton, five times as many trees were reported planted in 1940 as in the preceeding year. The Haldimand County programme was continued with 22 affiliated organizations. Tree planting was increased by about 145,000, including 35,000 distributed to school pupils. In Northumberland, work was confined almost entirely to rural schools, 33 of which were assisted. In Carleton, 28 competitions for community improvement were promoted. Grey has adopted the slogan, "Make Beautiful Grey More Beautiful Still."

Rural School Ground Improvement was encouraged by an Inter-Departmental Committee and 20,000 copies of a new booklet "Rural School Improvement" were distributed.

Promoted by the Ontario Horticultural Association, six district and county school ground improvement competitions were held. Prize winners in the provincial competition were:

1st. S. S. No. 1 Blandford, Oxford County (District 10), Carter Trophy, 1940.
2nd. S. S. No. 1 Mara, Ontario County (District 5).
3rd. S. S. No. 23 Haldimand, Northumberland County (District 4).
4th. S. S. No. 8 Westmeath, Renfrew County (District 2).
5th. S. S. No. 2 St. Vincent, Grey County (District 8).
6th. S. S. No. 6 No. Cayuga, Haldimand County (District 9).

ONTARIO HORTICULTURAL ASSOCIATION

This organization never had a more active year of achievement. Association awards for meritorious service are important and in 1940 were presented as follows:

W. A. Allan, O.H.A. Silver Medal and Diploma.

S. S. No. 1 Blandford, Oxford County, O.H.A. Diploma.
S. S. No. 1 Mara, Ontario County, O.H.A. Diploma.
S. S. No. 23 Haldimand, Northumberland, O.H.A. Diploma.
S. S. No. 8 Westmeath, Renfrew, O.H.A. Diploma.
S. S. No. 2 St. Vincent, Grey, O.H.A. Diploma.
S. S. No. 6 No. Cayuga, Haldimand, O.H.A. Diploma.

Presentations were made at the Annual Convention, which was unusually large and enthusiastic. The banquet was attended by 565.

To promote Wild Flower conservation and attract more attention to the Ontario Floral Emblem, a poem competition on the White Trillium was organized in the spring, open to pupils of Secondary Schools in Ontario, including Private Secondary Schools. The following were medal winners:

Gold Medal—Milena Matuska, Patterson C. I., Windsor.
Silver Medal—Mary Vallentyne, Brantford C. I., Brantford.
Bronze Medal—Louise Miller, Collingwood C. I., Collingwood.

Miss Matuska's poem was set to music by Mrs. (Rev.) A. E. Baker and rendered at the Annual Dinner by the Royal Davenport Junior Choir of Toronto. Copies were made available to delegates and the Association presented one to each Society not represented, so that the song might thus be introduced in all parts of Ontario.

For some years the Board has been considering a medium for greater publicity, whereby Society news might reach all officers. Arrangements were completed with Canadian Horticulture and Home Magazine whereby a page would be assigned in each issue for Horticultural Society news.

During the year eight District Meetings for officers were held, also 12 District Field Days. The Association gave financial assistance for speakers to 13 societies. A lantern slide service was used by 23 applicants. Service Diplomas were ordered by 48 societies and provided by the Association. In addition the Provincial body rendered a service in supplying cuts, stationery and record books.

Junior Flower Judging competitions were conducted in five districts. Teams representing the following societies were first prize winners:

District	*Place of Competition*	*Society*
2	Arnprior	Arnprior
4	Millbrook	Brighton
6	Hamilton	Hamilton
7	Guelph	Preston
10	Woodstock	Woodstock

A Provincial Junior Championship competition was staged at the 1941 Annual Convention. The Black Leaf 40 Trophy was won by the Woodstock Society.

Team Coach	Fred Fairs, Woodstock
Team Members	Anita J. Fletcher, 129 Wilson St., Woodstock K. Lorna Kirby, 75 Maud St., Woodstock K. Elizabeth Granger, Woodstock, R.R. 8

Second Prize team winner of the W. E. Foster Trophy, Brighton Society:

Team Coach	B. C. W. Pickford, Brighton
Team Members	Lloyd Hamilton, Brighton, R.R. 4 Arthur Martin, Brighton Albert Morrow, Brighton

AGRICULTURAL REPRESENTATIVE BRANCH

The staff includes 53 Agricultural Representatives, three Assistant Representatives, one Director, one Assistant Director, 57 Stenographers and one Clerk. Three Representatives have 29 years' continuous service to their credit. There are two with 28 years, one with 27 years, three with 25 years, seven with 20 to 24 years, 11 with 15 to 19 years, 13 with 10 to 14 years, and 13 with from two years' to nine years' continuous service.

During the year, A. V. Langton, Agricultural Representative in Glengarry, resigned, and J. A. Dalrymple, Assistant Representative in Prince Edward County, was appointed Agricultural Representative to fill the vacancy.

The year 1940-1941, the first full year of the present war, brought many changes, seriously affecting the agricultural programme. Correspondence was increased, attendance at meetings was greater, and considerably more attention had to be devoted to a study of individual, community and general problems than ever before.

During the season a more definite hay and pasture programme was put into effect and given wide publicity.

A seed survey and a vigorous "better seed" programme resulted in more good seed being used and almost a complete sell-out of all seed supplies.

In July a swine survey was conducted to determine the trend and conditions of hog production in Ontario.

In February, a farm Labour Survey was conducted to ascertain insofar as possible the extent of labour requirements for 1941.

Also in February, the Freight Free Feed Grain Policy came into effect, resulting in 3,300,000 bushels of Western Feed Grain moving into Ontario, free of freight from Fort William. All details of this policy were handled by the Agricultural Representative Branch.

Following the announcement of the British cheese quota and the Ontario bonus on cheese, an extensive dairy products production programme was launched in co-operation with the various dairy organizations.

LIVE STOCK IMPROVEMENT

Horses

Thirty-five Boys' Foal Clubs, with a membership of 507, were organized and instruction given in care, feeding, fitting, exhibiting, judging and management.

The Agricultural Representatives provided transportation for Stallion Inspectors when they made their Annual Fall Inspection.

Cattle

Milk testing facilities were provided for those who wished to take advantage of it.

Eighty-seven Boys' Calf Clubs were organized, with a membership of 1,424.

The Agricultural Representatives assisted individuals in the purchase of breeding stock and co-operated with Breed Associations in organizing field days, hall and barn meetings, auctions, exhibitions and demonstrations.

One long term cattle improvement policy may be cited from Lambton County. In 1933 the Agricultural Representative made a survey of one area and found an extreme shortage of cattle, buildings in poor condition, farms run down and farmers with very small cash incomes. The purchase of cows could not be financed so, in 1934, a car of Ayrshire calves was brought in and sold. During the last seven years 452 calves have been brought into the county. A creamery has since been built and made 400,000 lbs. of butter in 1940. Merchants say their business has improved greatly since the plan came into effect. So successful has been the plan that farmers from all sections of the county are now asking for calves.

Sheep

Seven Lamb Fairs were held in Northern Ontario, at which 2,721 lambs were judged, graded and marketed. Sixty per cent of the lambs graded choice. In Rainy River 5,225 lambs were shipped co-operatively by 270 members.

Docking, castrating, dipping, drenching and shearing demonstrations were held where required.

Swine

Boar Clubs and Bacon Litter Competitions were organized in areas where it was felt greater improvement should be made in the quality of market hogs.

Twenty-eight Boys' Swine Clubs, with a membership of 407, were organized.

Twenty-three groups, from 10 counties, including 1,087 farmers, visited packing plants to gain first hand information on rail grading.

Special Swine Meetings—Fifty special swine production meetings were held in 13 counties with a total attendance of 2,012.

Bacon Hog Survey—In preparation for the Dominion-Provincial Conference, held in Ottawa July 15th, each Agricultural Representative was asked to contact 50 reliable pig feeders or breeders to ascertain the trend of hog breeding operations.

The following table briefly summarizes this survey.

No. Sow Owners Reporting	*No. Sows Bred January-June, 1939*	*No. Sows Bred July-December, 1939*	*No. Sows Bred January-June, 1940*	*No. Sows Expected to be bred July-Dec., 1940*
2415	7098	7765	8455	8193
No. Boar Owners Reporting				
694	20246	22159	22219	

Poultry

Seventy-six Poultry Culling Demonstrations were held in 18 counties, with approximately 9,200 birds culled in demonstration. It is estimated that 362,180 birds were culled in Ontario in 1940.

Eleven Boys' and Girls' Poultry Clubs were organized with a membership of 178.

There are in Ontario 577 Breeding Station Flocks and 356 Custom Hatcheries.

Live Stock Breeders' Clubs—The Agricultural Representatives co-operate very closely with Live Stock Breeders' Clubs, in many cases acting as Secretary-Treasurer. There are 102 Live Stock Breeders' Clubs; 68 of these clubs reported a membership of 3,375.

FIELD CROP IMPROVEMENT

Seed Survey

In order to acquaint farmers with the sources of supply of good seed grain, a comprehensive seed survey was undertaken throughout the province. On January 2nd, a 50-page mimeographed catalogue was issued, containing the sources of supply and amounts.

With but five exceptions the Agricultural Representative acts as Secretary of the County or District Crop Improvement Association, and is largely responsible for supervising the Crop Improvement work undertaken.

The Freight Free Feed Grain Policy

Due in part to the low feeding quality of much of the 1940 Ontario grain crop, the Province of Ontario accepted the offer of the Dominion Government to share equally in the payment of freight from Fort William to destination on Western grain brought into Ontario for live stock feeding.

The policy came into effect on February 20th, and by the end of the fiscal year permits had been issued by the Agricultural Representatives for 1,877 cars, comprising 3,300,000 bushels. Feed grains most in demand were oats, barley, screenings and wheat.

At the time this report was prepared, only 1,830 cars had been delivered. On this basis 21,238 farmers benefited by the policy.

Kind of Grain Ordered

Oats	1,702,773 bushels
Barley	875,256 bushels
Screenings	296,766 bushels
Wheat	257,510 bushels
Mixed Grains	123,713 bushels
Rye	31,916 bushels

Cash Crops

Seed Potatoes—As a result of rather phenomenal yields of from 400 to 600 bags per acre on Boys' Potato Club plots during the past two years, the district of Cochrane has every indication of becoming one of the leading certified potato areas in Ontario. In 1939, 1,402 bags of seed potatoes had to be shipped into the district, under the Northern Ontario Seed Distribution Policy. During the winter of 1940-41, four cars of certified potatoes were shipped out of the district. Tests show the soil to be ideal for potatoes. Potato insects are unknown and the only disease requiring control is blight.

Table Turnips—Turnips continue to be a remunerative cash crop in the turnip growing areas of the province. Three hundred cars of table turnips were shipped from Walkerton during the 1940-41 season.

Blueberries—The blueberry crop in South Cochrane, although only 25 per cent of normal, amounted to 27,000 baskets. Some 272 pickers harvested the crop, which sold at 75c to 90c per 11-quart basket.

Hops—Some 225 acres of hops are grown in Prescott and Russell Counties. The crop amounted to 168,750 pounds and sold for $54,000.

Soup Peas—Renfrew County continues to lead in the production of soup peas. One hundred cars were shipped during 1940 at from $2.25 to $2.75 per bushel.

CONSERVATION AND REFORESTATION

The Conservation and Reforestation programme in Ontario continues to make substantial progress with 17,200,000 forest trees distributed in 1940, as compared with 17,000,000 in 1929 and 16,000,000 in 1938. In addition to regular zone meetings, tree planting demonstrations, tours, etc., five Junior Farmer Conferences were held, one in each zone. As a result Junior Farmer Associations in many counties are now co-operating closely with the County Council and Zone Association in studying county problems, planting waste areas, starting new forests, planting along streams to conserve moisture and to prevent spring floods, and working generally in close co-operation with the County Conservation and Reforestation programme.

Much useful reforestation work is now being done by school children. The Agricultural Representatives are active in all organization and development work concerning county conservation and reforestation activities.

HOME BEAUTIFICATION

Forty-two Home Beautification contests were conducted in 23 counties, with a membership of 983.

In Bruce County the Bruce Beautification Bureau is operating with signal success. The organization includes nearly 1,000 members.

In Haldimand County the Haldimand Home Improvement Association has an affiliated membership of 548, including 24 different organizations. Some 29,000 trees were distributed to schools. Five schools undertook school planting; 540 rose bushes were distributed and 21 meetings were held. with an attendance of 1.294.

The Carleton County Agricultural Representative reports: "The active co-operation of 28 Women's Institutes and seven Horticultural Societies in bringing about Rural Beautification has really been an outstanding achievement."

FARM TOURS

Nineteen Farm Tours, ranging from 30 miles to 700 miles in length, with 1,722 people participating, were organized and conducted by Agricultural Representatives.

PLOWING MATCHES

Agricultural Representatives took an active part in organizing Plowing Matches, preparing prize lists, staking fields and often acting as secretary.

FARM LABOUR

Following a farm labour survey by Agricultural Representatives in April, 1940, indicating the seriousness of the labour situation, a labour committee of the cabinet was formed. A labour committee was set up in each county, consisting of the Agricultural Representative, the Warden, School Inspectors and the Superintendent of the Employment Service (where there is one in the county). Where possible, the local committee filled applications for help, otherwise applications were forwarded to the Department of Labour, Toronto.

A further comprehensive survey was made by school sections in February, 1941.

RADIO BROADCASTS

Agricultural Representatives are often asked to appear on Farm Radio Broadcasts. In Grey County the Agricultural Representative completed, during the year, 52 consecutive weekly 15-minute radio farm talks over CFOS, orginating at Owen Sound.

JUNIOR EXTENSION

Rural School Fairs

Although Rural School Fairs are no longer included as a part of the policy of the Ontario Department of Agriculture, 70 School Fairs were held including 376 schools, with 7,670 pupils taking part and an attendance of 20,960.

All School Fairs were organized locally. The Agricultural Representative usually assisted in preparing the prize list and taking the responsibility for judging.

Short Courses in Agriculture

Short courses, of from two days' to two months' duration, were held in almost every county and district. In some counties the regular month's course was varied and afternoon meetings were held at different farms throughout the county, four days a week. Each Friday all students met at the headquarters hall. The special two-day Farm Management Courses continued to be very popular.

Courses Held During the Year 1940-41

	Number	*Enrolment*
One Month's Courses	28	743
Two Weeks' Courses	9	226
One Week's Courses	2	62
Three Day Courses	1	45
Two Day Courses	1	45
Two Day Farm Management Courses	14	498
TOTAL	55	1619

JUNIOR FARMER ASSOCIATIONS

Junior Farmer Associations render distinguished service to the Agricultural Representatives in the organizing and management of many junior activities in their respective counties.

There are 95 Junior Farmer Associations and 22 County Associations, with 88 local associations reporting a membership of 2,543.

Junior Farmer War Work

As a direct contribution from Junior Farmers and Junior Institutes, sufficient cash was raised to purchase, through the Canadian Red Cross, a fully equipped ambulance, costing $1,750, and in addition almost enough to purchase a station wagon costing $1,100.

Portions of the Norfolk County Junior Farmers' Association financial statement reveal the diversity and extent of war work carried on by many Junior Farmer Associations:

Junior Farmer Ambulance Fund	$ 50.00
Simcoe War Fund Association (Red Cross)	100.00
Purchase of sugar for Women's Institutes jam campaign	114.30
Scrap iron campaign	139.00
Salvation Army Canteen Fund	75.00
Junior Farmer Station wagon fund	50.00
TOTAL FOR 1940	$528.30

JUNIOR FARMER PLOWING COMPETITIONS

One Home Plowing Competition and twelve Junior Plowing Matches were held, with 169 junior farmers competing.

Twenty-two County Teams entered the Inter-County Competition for horse-drawn plows and 14 teams entered the tractor class, at the International Plowing Match at St. Thomas.

Championship Teams

Horse drawn plows — ONTARIO COUNTY
Ronald Marquis, Sunderland, age 19
Morley Parish, Uxbridge, age 17
Howard Thaxter, Uxbridge, age 19
Coached by E. A. Innes, Agricultural Representative, Uxbridge, Ont.

Tractor Plows — HALDIMAND COUNTY
Keith McBurney, Jarvis, age 17
Lewis Gibson, Caledonia, age 19
Coached by A. G. Skinner, Agricultural Representative, Cayuga, Ont.

County Judging Competitions

Thirty-seven county live stock, 17 seed and four combined judging competitions were held, with 1,990 junior farmers taking part.

Total Entries at the Larger Fairs

Central Canada Exhibition (Junior Fair, Richmond)	119
Peterborough Industrial Exhibition	201
Canadian National Exhibition	318
Western Fair (Junior Fair, London)	112
TOTAL	750

Ontario Provincial Winter Fair—Seed Show

Number of entries in junior grain and potato club section—

Potatoes	56
Corn	1
Oats	61
Barley	6
TOTAL	124

Inter-County Seed Judging Competitions

	Teams Competing	*No. of Contestants*	*Winning Team*
Ottawa Valley Seed Fair	5	15	Renfrew
Quinte District Seed Fair	5	41	Durham

Seed Judging competitions were also held in connection with many of the County Seed Shows.

4-H CLUB CONGRESS, CHICAGO

Six Junior Institute members and seven Junior Farmers, all county winners, in the Counties of Ontario, York, Peel, Wentworth, Lincoln and Middlesex, attended as a group the National 4-H Club Congress and the International Live Stock Show at Chicago. Four of the party appeared on 15-minute broadcasts over two National coast-to-coast hook-ups.

A. H. Martin, Assistant Director of the Agricultural Representative Branch, escorted the party to Chicago and acted as Club Leader.

BOYS' CLUB WORK

Club work, with boys between the ages of 12 and 20, continues to hold its popularity and is making excellent progress. The Agricultural Representative assumes the responsibility for the organization of boys' clubs, assisted by a volunteer club leader, and a committee of three. Each club is sponsored by a local organization which, in addition to taking a direct interest in the club members, agrees to pay one-third of the prize money and often arranges suitable credit on which the club members may purchase a good calf, pair of pigs, group of sheep or flock of baby chicks.

The Live Stock Branch contributed $2,528.64 in prize money and assisted as judges at many competitions.

In 1940, 5,311 boys and girls were enrolled in 321 clubs, an increase of 226 club members and five clubs over the previous year.

Clubs organized in 1940:

Club	*No. Clubs*	*Membership*
Calf	87	1424
Swine	28	407
Foal	35	507
Sheep	5	86
Poultry	11	178
Grain	62	1009
Potato	59	1200
Garden and Canning	34	500
	321	5311

Provincial Club Contests

The two high ranking boys, between the ages of 16 and 21, in each club, were eligible to compete in the Provincial Boys' Inter-Club Competitions, held at the Ontario Agricultural College, Guelph, on October 25th. Trophies and cash prizes were provided in each project.

Winning Teams:

Project	*No. Teams Competing*	*County*	*Coach*	*Team Members*
Dairy Calf	36	Brant	A. M. Barr	Howard Brooks, Paris Keitch Butcher, Cainsville
Beef Calf	15	Middlesex	W. K. Riddell	Archie A. Fletcher, Ilderton W. Glen Campbell, Komoka
Swine	19	Halton	J. E. Whitelock	Bruce Reid, Georgetown Angus McNabb, Georgetown
Foal	19	Middlesex	W. K. Riddell	Gerd Miller, Denfield Douglas Waite, Ilderton
Poultry	4	Renfrew	F. Q. Dench	Iris Hamilton, Pembroke Freida Zoschke, Pembroke
Grain	38	Durham	E. A. Summers	Lorne White, Port Hope Allan White, Port Hope
Potatoes	30	Durham	E. A. Summers	Murray Lord, Campbellcroft Vernon White, Port Hope

National Club Contests

After a lapse of one year, the National Club Contests were resumed in 1940. The Province of Ontario entered four teams, the maximum number allowed from any one Province. All nine provinces were represented by a total of 31 teams.

Standing of Ontario Teams:

Project	*Standing*	*Coach*	*Team Members*
Grain	1st	E. A. Summers	Lorne White, Port Hope Allan White, Port Hope
Potato	1st	E. A. Summers	Vernon White, Port Hope Murray Lord, Campbellcroft
Swine	2nd	E. A. Summers	Howard Malcolm, Janetville Laurence Malcolm, Nestleton
Dairy Calf	3rd	J. R. Ostler	Joseph Raison, Harlem Ross Stone, Forfar

During the nine years in which National Club Contests have been conducted, Ontario teams have established an enviable record of achievement, in winning 14 firsts, 11 seconds, 7 thirds, 2 fourths and 1 fifth.

Boys' Club Camps	*No. of Days*	*No. of Classes*	*No. of Entries*
Lakehead Exhibition	3	16	312

		No. of Boys	*No. of*		
			Calves	*Sows*	*Foals*
Central Canada Exhibition Junior Fair, Richmond	3	179	170	18	—
Canadian National Exhibition	2	100	100	—	—
Western Junior Fair	2	113	76	26	24

LIVE STOCK BRANCH

HORSES

During the early part of 1940 the outlook for the horse business appeared fairly bright. The French Government had announced its intention of purchasing several thousand horses in Canada. This announcement immediately strengthened the market, but before many purchases were made and before any horses were shipped, France capitulated. Since then the horse market has been dull. Industry is rapidly absorbing surplus labour at wages more attractive than can be paid by farmers. Because of this situation farmers will be forced to resort to the use of mechanized equipment in order to solve the farm labour shortage problem. Perhaps the best indication of the trend in horse breeding is revealed in reports submitted by stallion owners. The owners of 395 stallions in the two top grades reported that their horses had bred 17,208 mares in 1940. This figure is considerably lower than for the previous year when the owners of 389 stallions in the two top grades reported that their horses had bred 21,481 mares. The number of stallions kept for public service declined from 1,701 in 1939 to 1,688 in 1940. This might be interpreted as another indication that horse breeding is on the downward trend.

Steps were taken during the year to exercise greater control over the class of stallions that could be used for public service in the future. Form 4 horses will not be eligible for enrolment after the season of 1941.

STALLION ENROLMENT

Premiums were paid to the owners of 273 stallions during the fiscal year. Of this total 119 horses were classified as "Form I Premium A" and 154 as "Form 2 Premium B." The amount of the premiums paid was reduced by 25 per cent from the previous year. The maximum premium paid on account of any "Form 1" stallion in 1940 was $56.25, and on any "Form 2" stallion $37.50. The total amount paid to the owners of all premium stallions was $9,078.75. A similar amount was paid to the same stallion owners by the Federal Department.

HORSE SHOWS

The Ontario Live Stock Branch co-operated with Local Horse Breeders' Associations in conducting Spring Horse Shows. Grants were available on the basis of 50 per cent of the prize money paid, up to a maximum of $200. Following is a report of the Horse Shows receiving assistance, with the amount of assistance received:

North Blenheim	$189.00
St. Clements	93.00
Brooklin	172.50
Linwood	200.00
Clinton	200.00
Toronto Open Air	200.00
Elora	117.50

CATTLE

Three important factors had a definite bearing on the Canadian cattle industry in 1940. These were: (1) The Canadian-American agreement that became effective on January 1st, 1939, and permitted Canada to ship cattle weighing 700 pounds or over into United States at a rate of duty of 1½c per pound; (2) The rate of exchange that existed throughout the year. Canadian cattle sold in United States were paid for in American currency. This currency commanded a premium of 10 per cent in Canada; (3) The increased industrial activity in both Canada and United States. These factors combined to create the highest cattle prices in Canada in the past decade. Despite the increase in price Canadians consumed more beef than in the previous year. Exports of dairy cattle showed an increase, totalling 15,014 head as compared with 13,000 head in 1939. Of the total cattle shipped from Canada to United States in 1940, 39,227 beef and 8,679 dairy cattle came from Ontario.

RESTRICTED AREAS

The cattle owners in nearly all counties of Old Ontario have now petitioned for the tuberculin test under the restricted area plan. Petitions were received during the year from the cattle owners in the County of Renfrew. Only three counties, Frontenac, Welland and Kent, remain unsigned. There was a reduction in the amount of testing done in Ontario in 1940, due to a reduction in appropriation available for the payment of compensation fewer new areas were undertaken. Because of the constantly recurring outbreaks of hog cholera the work was frequently interrupted as it was necessary to transfer inspectors from restricted area work in order to deal with the hog cholea epidemic. The following table summarizes the testing done in the Province up to the 26th of March, 1941. Some of this work was undertaken during the previous fiscal year.

Counties in which testing was carried on during the fiscal year 1940-1941		*No. of Cattle Tested up to Mar. 26, 1941*	*No. of Reactors*	*% of Reactors*
Brant	1st General	26819	4014	14.9
Essex	1st General	9144	840	9.2
Essex	1st 60 Day	1183	12	1.01
Grey	1st General	39528	1582	4.0
Norfolk	1st General	5723	539	9.4
Peel	2nd General	20507	235	1.1
Simcoe	1st General	62444	2089	3.3
Thunder Bay	2nd General	8447	50	0.6
Haldimand	1st General	225	2	0.9
Dundas	4th General	10221	259	2.5
Wentworth	1st General	21171	1261	5.9
Wentworth	1st 60 Day	4399	109	2.4
Wentworth	2nd 60 Day	483	7	1.4
Waterloo	1st 60 Day	17700	271	1.6
Rainy River	1st General	11983	85	0.7
Lanark	1st General	27132	656	2.4
Lanark	1st 60 Day	4409	5	0.1
Northumberland	2nd General	36298	134	0.4
Northumberland	1st 60 Day	995	4	0.4
Prince Edward	5th General	4311	9	0.2
Peterboro	1st 60 Day	5395	68	1.3
Victoria	1st 60 Day	7716	80	1.0

The Ontario Department of Agriculture paid the travelling expenses of Federal Veterinarians while engaged in testing cattle in restricted areas. The total travelling expenses paid during the fiscal year amounted to $9,367.50.

AUCTION SALES OF PURE BRED LIVE STOCK

Grants are available to assist in financing auction sales sponsored by Breeders' Clubs and eight organizations operated under this policy. Where all animals are free from Tuberculosis and Contagious Abortion the grants are on the basis of $4 per head, up to a maximum of $150 for any one sale. If shows are held in conjunction with sales, an additional grant of $25 is available.

CATTLE SHOWS

Grants to 25 special cattle shows were made on the basis of 20 per cent of the prize money paid, up to a maximum of $100 for any one show.

CONDEMNATION INSURANCE

Condemnation Insurance is a type of insurance levied against all cattle marketed through stock yards and abattoirs for the purpose of protecting the processor of the product from loss on account of disease. For some years residents of restricted areas have suggested that cattle originating in such areas should be relatively free from disease and as a consequence are entitled to special consideration in the form of reduced insurance deductions. At the instigation of the directors of the Ontario Cattle Breeders' Association, each County Council in Old Ontario was asked to send a delegate to a meeting held in February, 1941, to discuss the matter. Representatives of the packing interests were present and displayed a willingness to co-operate with the cattle owners by making certain concessions to residents of restricted areas. It was finally decided that a complete survey covering the amount and extent of losses should be made before any new agreement should be consummated. As a consequence an investigational study was instituted, such study being conducted by a man attached to the Ontario Live Stock Branch, and acting in co-operation with a committee representative of the County Councils, the Ontario Cattle Breeders' Association, and the Packers.

BANG'S DISEASE

Considerable work has been done by the Ontario Live Stock Branch, and the Ontario Cattle Breeders' Association, in conjunction with the Ontario Veterinary College, in a programme for the establishment of areas free from Bang's Disease, and also in Calfhood Vaccination in badly infected herds. For details see the annual report of the Ontario Veterinary College.

SWINE

Canadian hog marketings reached an all time high in 1940 totalling 5,449,626 head. Imports of American pork were fairly heavy during the early part of the year. The combined volume of product was more than sufficient to fill our contract with Great Britain and adequately supply our own people, and resulted in glutted retail markets and dull hog markets during the period from April to August inclusive. About the middle of the latter month Great Britain requested Canada to increase her exports and as the volume shipped overseas advanced, prices rose to levels that prevailed early in the year. In November a new contract was signed. Under the new contract Canada will export a minimum of 425,000,000 pounds of bacon during the period November 1st, 1940, to October 31st, 1941. This amounts to slightly over 8,100,000 pounds weekly. According to the present outlook Canada will market a sufficient number of hogs during the period to fill the contract.

Ontario led all provinces in hog production in 1940, marketing 2,191,440 hogs, or 40.2 per cent of the total.

Rail grading became the official system of grading in Canada on October 1st, 1940.

BACON HOG CLUBS

The bacon hog club policy has been sponsored in an effort to improve the type and is specifically designed to apply in Eastern and Southwestern Ontario. Under the terms of the policy, boars are loaned to organized clubs, and the cost of boars and transportation is borne by the Ontario Live Stock Branch. Previous to the fiscal year 1940-41 the Federal Department shared in this expense but found it necessary to discontinue its financial support owing to the many demands on its finances for war purposes.

Following is a summary of bacon hog clubs up to the end of the fiscal year:—Eastern Ontario, 118; Southwestern Ontario, 65; Northern Ontario, seven.

Boars have been placed in communities in Central and Western Ontario in cases where club members have purchased pure bred sows and have requested special assistance in securing outstanding boars. Nine clubs are organized on that basis.

During the fiscal year 86 boars were purchased for new clubs and for replacement in old clubs. The total cost of the boars was $2,884 and the cost of transportation $508.32, bringing the total cost up to $3,478.32.

SOW DISTRIBUTION

The hog industry in Southwestern Ontario received a severe setback during the year on account of outbreaks of hog cholera. Entire herds on more than 800 farms were destroyed because of this disease.

During the fall months some of the directors of the Kent County Swine Producers' Association asked the Ontario Department of Agriculture to make breeding stock available to those who had lost their hogs. The matter was referred to the Ontario Yorkshire Breeders' Club, and a number of breeders held sows and bred them in anticipation of a market. A consignment sale was held at the Ridgetown Fair Grounds on March 19th, as a means of disposing of sows. Fifty-six bred sows sold for an average of $42.12 each.

BACON LITTER COMPETITION

This competition is sponsored to encourage the distribution of pure bred sows of Advanced Registry breeding. During the fall months of 1939 a number of sows of this class were placed in Eastern Ontario counties. Competitions assisted financially by the Ontario Live Stock Branch were held with the litters farrowed by these sows during the spring of 1940. A number of pig clubs were organized in the spring of 1939 in which all members purchased weanling sows of Advanced Registry breeding.

RAIL GRADING DEMONSTRATIONS

During the winter months of 1940-41 officers of one of the large packing companies in Toronto invited groups of farmers to inspect its plant. Officers of this branch in co-operation with officers of the Federal Department assisted with demonstrations in rail grading and other features of the swine industry. Twenty-nine groups visited the plant with a total attendance of 1,465.

SHEEP

The sheep industry enjoyed a greater degree of prosperity in 1940 than in any year during the previous decade. Lamb prices were maintained at fairly satisfactory levels throughout the year, and were not subject to the usual sharp decline during the months of heavy marketings.

Canada's wool requirements have increased tremendously since the outbreak of war, with the result that prices for that commodity increased materially during 1940. The prospects of greater returns from lambs and wool has created a demand for breeding ewes, and breeders reported increased sales at higher prices. Indications point to an increase in Ontario's sheep population during the next few years.

LAMB FAIRS

The Ontario Live Stock Branch in co-operation with the Production Services, Federal Department of Agriculture, sponsored a number of lamb fairs in Northern Ontario.

District	*Place of Fair*	*No. of Lambs Exhibited*	*Prize Money Paid by Each Dept.*
Thunder Bay	Fort William	70	$30
Kenora	Dryden	107	30
Temiskaming	Uno Park	188	30
Algoma	Richard's Landing	185	30
Manitoulin Island	Little Current	580	30
Manitoulin Island	Barrie Island	377	30
Manitoulin Island	Manitowaning	551	30
Manitoulin Island	Mindemoya	788	30
	8 Fairs	2846	$240

RAM CLUBS

The Ram Club Policy of the Federal Department of Agriculture was in operation in this Province in 1940. Under the terms of this policy rams are placed with farmers residing in districts where good rams are not readily available, at very nominal rates. Approximately 125 rams were placed in Northern Ontario last year under the terms of that policy. Officers of the Ontario Live Stock Branch assisted in the purchasing and shipping of the rams. In addition, rams were purchased for members of sheep clubs organized in Huron County and Thunder Bay District.

POULTRY

The activities of the Ontario Live Stock Branch in connection with poultry are directed towards assisting local poultry associations in holding fairs and educational meetings. The following is a summary of assistance rendered during the fiscal year:

Number of Associations holding a show during the fiscal year	17
Number of poultry judges and lecturers supplied	16
Total amount of grants paid to Local Associations	$733.75
Total expenditures in connection with Judges, Lecturers, etc.	$147.42

LIVE STOCK PROTECTION ACT

This act is designed to protect the owners of cattle and sheep against loss sustained by dogs. It grants the municipality or the owner the right of appeal in cases where the award of the local valuator is unsatisfactory to either party. During the year five appeals were lodged by sheep owners residing in the Counties of Elgin, Grey, Wentworth and Essex.

BRANDING OF LIVE STOCK ACT

This act designates the Director of the Live Stock Branch as "Recorder of Brands" for the Province. Under the present act brands are allotted to poultry men for the purpose of identifying their flocks. During the fiscal year 78 poultry brands were allotted, bringing the total number recorded to the end of March 1941 up to 2,721.

The office of Secretary of a number of Ontario Live Stock Associations is held by members of the Ontario Live Stock Branch.

ONTARIO PROVINCIAL WINTER FAIR

The Directors of the Ontario Provincial Winter Fair sponsored a Live Stock and a Seed Show during the year. The Winter Fair Building was not available for this purpose, as a consequence a Commercial Live Stock Show was held at the Union Stock Yards during the latter part of November, and a Seed Fair in the King Edward Hotel during February, at the time of a number of agricultural conventions. Entries in the Live Stock Show were slightly below the previous year, consisting of 151 cattle, 70 hogs and 140 lambs. Total prize money paid amounted to $1,467. All animals exhibited were sold by public auction. The grand champion steer brought 75c per pound, the champion group of lambs 55c per pound, and first prize pen of hogs 13¾c per pound.

There were 148 entries in the open classes at the Seed Fair, and 109 entries in the Junior Farmers' section. The total prize money in the open section amounted to $330.50, and in the junior section $106.75.

ASSISTANCE TO EXHIBITORS AT FOREIGN EXHIBITIONS

As has been customary in the past assistance of 50 per cent of the freight charges has been given to sheep and beef cattle exhibitors showing at the International Exposition in Chicago, and to the Holstein breeders exhibiting at the National Dairy Show, which in 1940 was held at Harrisburg, Pa. Ontario animals at each show have stood up well in competition with the best herds and flocks in the United States.

WOMEN'S INSTITUTE BRANCH

ORGANIZATION

Twelve Institutes were organized and 36 disbanded, making the present number 1,367, with an approximate membership of 40,200.

District Annual Meetings were held in 98 districts with a total attendance of 18,485, an increase of 7,000 over the previous year.

Conventions were held in 13 areas with a total attendance of 3,350. Educational topics were discussed under capable leadership and information given by qualified speakers. A representative of the Women's Institute Branch and one from the Provincial Board attended each convention.

FEDERATED WOMEN'S INSTITUTES OF ONTARIO

The Provincial Board held its annual meeting in November. The executive met again at Easter. The officers for 1940-41 were:

Honorary Presidents—Miss Mary A. Clarke, Supt. O.W.I.; Mrs. T. J. McDowell, Milverton. *President*—Mrs. Ernest Duke, Port Carling. *Vice-Presidents*—Mrs. W. D. Payne, R.R., Brinston; Mrs. F. C. Fell, R.R. 1, Proton Station; Mrs. Earl Haney, R.R. 4, Aylmer. *Directors on the Executive*—Mrs. G. Hamilton, R.R. 3, Pembroke; Mrs. Edom Wilson, R.R. 1, Victoria Harbour; Mrs. J. C. Thompson, R.R. 2, Beamsville; Mrs. Hugh McCrie, R.R. 3, Sarnia; Mrs. James Wraight, Chiswick. *Additional Directors*—Mrs. C. W. Amey, Moscow; Mrs. C. Holmes, R.R. 3, Belleville; Mrs. Noble Perrin, R.R. 2, Cameron; Mrs. L. Reesor, Scarboro Junction; Miss Celia Synott, R.R. 4, Rockwood; Mrs. R. Milligan, R.R. 1, Clifford; Mrs. D. Z. Gibson, Caledonia; Mrs. R. Burn, Brownsville; Mrs. J. Lothian, Monteith; Mrs. R. Vanzant, Little Current; Mrs. C. J. Russell, Port Arthur; Mrs. F. Pearson, Fort Francis.

The treasurer's annual report showed receipts of $7,226.16 and disbursements of $4,708.18, with a balance of $2,517.98.

Standing Committees: The standing committees continue to function, adapting their programme to the emergencies of war. Many Institutes are recording local history, following the suggestion of The Lady Tweedsmuir that they compile "Tweedsmuir Village Books."

SPECIAL WARTIME ACTIVITIES

Central War Charities Fund F.W.I.O.

This fund has been supported enthusiastically by the members. The committee appointed to administer the fund consists of Mrs. Ernest Duke (convener), Mrs. T. J. McDowell, Mrs. D. Z. Gibson, Mrs. L. Reesor, Mrs. W. B. Leatherdale (Secretary-Treasurer) and Miss M. A. Clarke. To March 31, 1941, total receipts were $9,728.47. Outstanding expenditures included:

Two mobile field kitchens for England	$6,200.00
2435 pounds of vegetable garden seeds sent to National Federation of Institutes, England and Wales	541.82
Recreation room furniture, Camp Borden	678.01
Contribution to gift of Federated Institutes of Canada to Department of National Defence	500.00
Wool and sewing material to Northern Ontario Institutes for war work	214.95

The Women's Institute Branch, Department of Agriculture, has assisted with the administration of this fund by providing clerical assistance and arranging for the distribution of materials to Northern Ontario for war work.

Jam for England

In co-operation with the Ontario Division, Canadian Red Cross Society, the Women's Institutes of Ontario were responsible for making 122,460 pounds of jam and jelly of which approximately 111,000 pounds have been sent overseas for the use of Canadian military hospitals and homeless victims of bombing raids.

Local War Work

The majority of Institutes co-operate with the local Red Cross Branch. In addition to this, approximately 102 have registered under the War Charities Act, and others are supporting the Salvation Army, Y.W.C.A. or Navy League in their specialized activities.

While the report for the fiscal year is not complete, reports from 60 per cent of the Institutes show that more than $40,000 had been raised; 76,577 knitted articles and 61,910 articles of clothing or hospital supplies made, and 828 blankets provided for the homeless in Britain.

Salvage campaigns have been supported. War Savings Certificates purchased and their sale promoted. Local enlisted men have been remembered. British children who are war guests in Ontario have been cared for by gifts, money and services. Practically every Institute has contributed to the Toronto Evening Telegram "British War Victims Fund."

Overseas Correspondence

Since the last report there has been a steadily increasing interest on the part of Ontario Institute members in establishing and maintaining closer bonds of friendship with overseas members. The Branch has co-operated with overseas leaders in linking up with the following letter friends:—England 85, Australia 36, New Zealand 35, Scotland 19, South Africa 4, Wales 1, Lithuania 1.

Putnam Memorial Fund

Through this fund, established by the Federated Women's Institutes of Ontario and administered by the Women's Institute Branch, 18 bales with an approximate weight of 1,000 pounds were sent to various parts of Northern Ontario.

Institutes at Canadian National Exhibition

The Women's Institute Branch assisted in the preparation and manning of an exhibit of the "Work of the Women's Institutes in Peace and War" at the Canadian National Exhibition, 1940.

CO-OPERATIVE PROGRAMME IN HOME ECONOMICS

As in previous years, provision was made for the study of Clothing and Textiles, Foods and Nutrition, Health, Home Crafts, Housing and Administrative Leadership. Such phases of each subject as especially meet the pressing needs of war time were emphasized. Instruction was given through local leader training schools, three and five-day short courses, speaker service and officers' rallies.

Local Leader Training Schools
District Programme

Clothing and Textiles:

	Buymanship	*Lingerie*	*Total*
District	5	4	9
No. Institutes represented	37	28	65
Meetings held by leaders	84	41	125
No. women contacted	1,127	215	1,342
Garments reported made to date		208	208

Foods and Nutrition:

	Fruits for Food	*Fruit Preservation*	*Meat Cookery*	*Milk and Cheese*	*Whole Wheat*	*Vegetable Cookery*	*Total*
Districts	7	7	13	1	1	16	45
No. Institutes represented	55	49	96	15	10	162	387
No. leaders	111	89	184	29	20	305	738
No. women contacted	Work not completed					To date	9,905

Thirty-two summary days following training schools were held with an attendance of 1,841.

Home Crafts:

Leather Glove Making

	Leather Glove Making
Districts	3
No. Institutes represented	13
No. leaders	13
No. women contacted	Work not completed

Summary days following training schools of last year were held as follows: Quilts and Quilting 1, Home Utilization of Wool 2, with a total attendance of 189.

Housing:

Refinishing of Furniture

	Refinishing of Furniture
Districts	5
No. Institutes represented	31
No. leaders	31
No. women contacted	143

Summary days were held in three districts with an attendance of 106.

Speaker Service
District Programme

Subject	*Districts*	*Meetings*	*Attendance*
Feeding the Family for Health	8	40	1,300
Health Education	7	36	1,195
Citizenship in the Rural Community	2	9	317
Community and Family Recreation	1	4	68
Music Appreciation	1	2	56
Appreciation of Literature	1	3	150
	20	94	3,086

Special Housing Meetings
District Programme

Meetings to discuss the problems of lighting were held in seven districts with an attendance of 222. Home Beautification (outside paint) was the subject at twelve meetings in two districts with an attendance of 499.

Officers' Rallies
District Programme

Thirty-two districts held officers' rallies with 262 Institutes represented and a total attendance of 1,041.

Short Courses
Institute Programme

Subject of Course	*Number*	*Enrolment*
The Use of Commercial Patterns (5 days)	12	154
Remodelling (5 days)	11	154
Planning and Preparing Meals (5 days)	9	175
Health Education (5 days)	19	393
Block Printing (5 days)	2	23
Needlecraft (5 days)	14	232
Braided Rugs (5 days)	6	87
Hooked Rugs (5 days)	5	84
Home Utilization of Wool (5 days)	2	30
Emergency Knitting (1 day)	31	461
	111	1,793

In addition, 22 one-half day courses in Emergency Knitting were held at the one-month courses conducted under the junior extension programme, where 406 young women received instruction.

Summary days were held following the 11 courses in Rug Making with an attendance of 189.

JUNIOR EXTENSION PROGRAMME IN HOME ECONOMICS

Home Making Clubs

Training schools were conducted by the home economics coaches as follows:—

Name of Unit	*Schools*	*Clubs*	*Members*
Being Well Dressed and Well Groomed	17	110	437
Clothes Closets Up-to-date	2	11	39
Cotton Accessories for the Club Girl's Room	7	36	160
Cottons May Be Smart	14	82	241
Summer Clothes for Girls	8	26	96
Sleeping Garments	3	16	23
Dressing Up Home Grown Vegetables	4	18	114
Garden and Canning	24	51	299
Meat in the Menu	2	14	57
The Supper Club	4	15	58
The Club Girl Entertains	26	161	959
The Club Girl Stands on Guard	21	131	744
	132	671	3,227

As a result of the spring training schools of 1940 and those held in the previous fall and winter, 2,788 club members exhibited at 52 county achievement days and 237 at special garden and canning achievement days in 1940.

At the four provincial class A fairs, 608 girls from 54 counties exhibited club work; and at class B fairs, 161 girls from nine counties exhibited.

One unit, "The Club Girl Stands on Guard," was added to the programme for 1940-41.

Winter Short Courses

From November 1940 to March 1941, 28 one-month courses in Home Economics were held in conjunction with courses in Agriculture organized by the county agricultural representatives. Foods and Nutrition were taught in 28 courses. In addition, Health Education was included in 13 courses, Clothing in 17 and Emergency knitting in 11. The total enrolment was 671 with an average attendance of 18.

Special two-week courses were held in six centres with an enrolment of 247 and an average attendance of 27.

In Halton County, where it was felt that a one-month course in Home Economics was not feasible this year, a special course in Health Education was conducted at each of four centres, with the instructor visiting each centre five times. The total enrolment was 209.

Junior War Work

In the past winter, members of one-month clothing courses, homemaking clubs and junior Institutes joined forces to provide garments for British children. The work is well under way and will be continued during the summer of 1941.

Girls' Conferences

In May 1940 the fifteenth annual conference of rural Ontario girls was held at the Ontario Agricultural College, Guelph, with 435 enrolled. This conference is organized and carried on by the Women's Institute Branch co-operating with the staff of the College.

A similar conference was held in April 1940 at the Kemptville Agricultural School, with 115 girls in attendance. The response was so favourable that a conference is planned for 1941.

GENERAL ACTIVITIES OF THE WOMEN'S INSTITUTE BRANCH

Correspondence:

In addition to 95 circular letters with a circulation of about 41,800, approximately 17,000 letters were sent out during the year.

Distribution of Literature:

Literature printed during the year included four issues (168,000 copies) of "Home and Country," financed by the Women's Institute Branch and the Federated Women's Institutes of Ontario and distributed free to each Institute member; the Co-operative Programme in Home Economics for 1941-42; and revisions of leaflets on "Fruits" and "A Guide to Food Selection."

New mimeographed material was prepared for distribution to leaders and members of the homemaking club, "The Club Girl Stands on Guard."

Packet Loan Collection:

This service gave help to 823 Institutes in Ontario through 3,865 articles on subjects as follows:—Canadianization 470, Legislation 387, Education 656, Home Economics 511, Agriculture 214, Health and Child Welfare 273. Folders were sent also to Quebec, New Brunswick and Saskatchewan.

CO-OPERATION WITH OTHER ORGANIZATIONS AND AGENCIES

The Women's Institute Branch wishes to acknowledge the assistance given so generously by other Branches of this Department, especially the Ontario Agricultural College and Macdonald Institute, the Agricultural Representative Branch, the Agricultural and Horticultural Societies Branch, the Fruit Branch and the Kemptville School of Home Economics.

With the co-operation of Macdonald Institute and the Ontario Agricultural College a school for judges of Home Section exhibits at fall fairs was held at Guelph with an enrolment of 28. Women's Institute staff members contributed to the programme at district meetings of Agricultural Societies and at the Women's Section of the Agricultural Societies convention in Toronto.

The Women's Institute Branch co-operated with Rural Beautification Committee by providing a lecturer on "Beautifying the Home with Paint" for a series of 12 meetings in Haldimand and Lambton counties, having an attendance of 499 men and women.

The Women's Institute Branch has kept in close contact with the Ontario Division, Canadian Red Cross Society, to support Canada's war effort. Co-operation in the jam making enterprise has been the outstanding example. Support was also given to special programmes of the Navy League and the Y.W.C.A.

Close contact has been continued with such organizations as Canadian Association for Prevention of Tuberculosis, Canadian Society for the Control of Cancer, Ontario Association for Adult Education, Ontario Society for Crippled Children, St. John Ambulance Association and the Canadian National Exhibition.

OUTLOOK

Canadian women in wartime are asked to do two things,—to carry on with the unspectacular but none-the-less essential task of home-making, and the special activities which the exigencies of war demand. The extension programme of the Women's Institute Branch will be adapted to help Institutes meet both these demands.

In the Junior Extension Programme, although many former club members are now employed away from home in wartime industry, there is still a large opportunity for work among the girls and young women remaining in rural Ontario.

FRUIT BRANCH

The unusual weather conditions in the late spring and summer had serious results on both quality and quantity in horticultural crops just as in general farm crops. Excessive moisture and persistent rains prevented operation of heavy spraying outfits, disrupted the spray schedules, and in many cases washed the materials from the foliage almost as quickly as it could be applied. Brown rot in peaches caused heavy losses in the marketing season.

Apples suffered particularly from scab and the proportion of No. 1 grade fruit was the lowest in years. Many growers marketed their entire crop under the Domestic grade. Complaints as to quality were general and, unfortunately, consumers turned to other fruits or apples from other sections, especially during the later months of the marketing season. Despite quality, prices generally were fair on most lines of fruit and vegetables, reflecting the better buying capacity of the urban population.

Potatoes suffered most in the vegetables, late blight causing Ontario stock to practically disappear from the retail markets during the winter months. Tomatoes also were of very poor quality and processing plants had difficulty in securing sufficient good stock for their demands.

Due to shorter crops generally, prices paid growers through the various processing schemes advanced in some lines and the factories again made use of a substantial portion of the total crop. Few people realize the extent of the canning industry and its effect on the price level of the various fruits and vegetables. In 1940, among some of the leading crops, the percentage processed was roughly as follows:

Apples	35%	Cherries	70%
Grapes	80%	Raspberries	25%
Peaches	50%	Strawberries	35%
Pears	80%	Tomatoes	80%
Plums	75%	Asparagus	60%

Inspection of orchards was continued throughout the year with 13 municipalities, mostly in the Niagara District, taking advantage of the assistance under The Plant Diseases Act.

Despite the complete cutting off of the export market for apples, the Federal authorities wished continuance of the summer and fall inspection for apple maggot. Twelve Provincial men were engaged in this work, covering 2,271 orchards that passed summer inspection. With a bad spraying season and poor prospects for marketing fruit, the inspection at harvest time showed a considerable increase in the percentage of orchards infested with this insect.

Analysis of the individual counties as to amount of infestation in all certified orchards shows that Prince Edward and Essex are lightest, followed closely by the Eastern Counties and Lincoln, while the heaviest infestations are Lambton, Middlesex, Grey, Simcoe and Elgin. This is partially accounted for by the age of the trees and the inclusion of many small farm orchards. Many of these trees are over 40 years planted, include varieties that are largely cooking apples and therefore of low sales values. Spraying of these large trees is more difficult and in the small blocks must be carried on by customs sprayers or low-power pumps. The maggot sprays are applied in July at a time when the farm owner is rushed with harvest operations and the orchard under such conditions is bound to be neglected.

During the inspection of the apples just preceding harvest time, the inspectors look first at those varieties which are most susceptible. If evidence of maggot is found, other varieties are also looked over carefully. The finding of even one infested apple puts that tree and variety in the lightly infested column of the report. The following table by county groups shows only the degree of infestation in the varieties reported on, not the percentage of orchards infested:

County Group	*No. Orchards Inspected*	*Percentage of Varieties showing Maggot*		
		Light	*Medium*	*Heavy*
Essex, Kent	45	64.5	20.	15.5
Lambton, Huron, Middlesex and Elgin	339	50.4	28.9	20.7
Brantford and Norfolk	384	70.5	23.9	5.6
Niagara District	96	79.7	10.8	9.5
Peel, Halton and York	121	63.9	24.1	12.
Georgian Bay	166	85.5	13.2	1.3
Durham, Northumberland and Hastings	652	90.2	6.9	2.9
Prince Edward	414	62.1	22.8	15.1
Eastern Counties	34	90.9	9.1	

Our field men were kept busy advising on repair work and protection against mice and rabbits including experiments with various poisons and repellants. Damage from these pests to young orchards is serious especially in those sections with heavy snowfall. Circulars were prepared and sent to many growers, covering both protection and bridge grafting.

Orchard observation and experimental work was carried on in conjunction with both Federal and Provincial Entomologists on various orchard insects including the Codling Moth, Buffalo Tree Hopper, Apple Maggot, Bud Moth and Leaf Roller. Suggestions were made as to economies that could be effected in the spraying schedules in view of the uncertainties in marketing certain of the fruits. Despite the present conditions, planting of new orchards continues and much time of our men was devoted to guiding growers in the selection of proper varieties and of suitable soils for the various fruits.

In 1939 an agreement was offered to this Province by the Federal Government to take off the growers' hands 75,000 barrels of apples that might remain unsold on March 31st, 1940. Fortunately, the season's crop was disposed of without loss and no advantage was taken of the agreement. During the 1940 season, a new proposal was submitted to the Ontario growers covering 50,000 barrels of fresh apples of four varieties: Baldwin, Russet, Stark and Ben Davis. In addition, Ontario canners were offered a subsidy of 40c a cwt. on all apples put up in solid pack No. 10 cans. Unfortunately, the market looked weak for this product and the pack was negligible. On the fresh fruit, some advantage will be taken of the offer but also for limited quantities. As yet, there has been no problem such as exists in British Columbia and Nova Scotia in disposing of the fruit crop under war conditions.

VEGETABLE WORK

In the Vegetable work, many winter meetings were held for discussion of the various problems of growing and marketing these crops. Judging of crops entered in the various competitions was carried on throughout the summer. Home garden work, largely started to help those families on relief, was continued on a slightly lessened scale and it is the hope of the Department that as relief projects are discontinued with the great activity in all lines of labour, most of the relief gardens will also be discontinued. There will still be some assistance required as so many of the older men still on relief are beyond the age when work can be secured.

In addition to the meetings held in connection with these relief gardens, the vegetable field man addressed scores of gatherings of Women's Institutes, Horticultural Societies, Short Courses in Agriculture, Indian Reserves, War Veterans' Gardens, Kiwanis Gardens, as well as the regularly constituted commercial vegetable growers' associations. Judging of horticultural exhibits was carried out at many rural fairs in the fall and assistance was given in preparing the various displays at the Canadian National Exhibition.

CROPS, SEEDS AND WEEDS BRANCH

The activities of this Branch during 1940 consisted of the installation and supervision of seed cleaning plants, administration of the Weed Control Act, experimental work with chemical weed killers, seed treaters and fanning mills, purchase and shipment of seed grain to Northern Ontario, administration of lime subvention policy, advertising International Grain and Hay Show, Chicago, payment of prize money, expenses and distribution of reports, payment of grants to district and county seed fairs, maintenance of Secretary-Treasurer's office for Ontario Crop Improvement Association, organization of Branches, assistance at seed fairs, seed displays, field meetings and annual meetings, weed spraying demonstrations, seed cleaning demonstrations, educational exhibits at seed fairs, plowing matches and crop meetings, and assistance with a general crop improvement programme throughout the province.

SEED CLEANING PLANT SUBVENTION POLICY

Federal assistance under this policy was discontinued during the year. The Ontario Government grant at the present time amounts to 25 per cent. New seed cleaning plants were installed during the year at Woodbridge and Sydenham. Ninety-one plants have been installed under the policy to date. Summary for year:

Total bushels of grain cleaned	1,197,693
Total pounds of clover and grass seed cleaned	5,788,104
No. of farmers served	18,743

LIME SUBVENTION POLICY

Under this policy the railways have reduced the freight rate in agricultural limestone 25 per cent on carload shipments. The Ontario Department of Agriculture pays 50 per cent of this reduced freight up to a maximum of $1 per ton. During the year 54 cars representing 1,873.95 tons were moved under this policy.

DISTRICT SEED FAIRS

Grants were paid to the following District Seed Fairs:

Ottawa Valley Seed Growers' Association Fair, Smith's Falls	$200
Western Ontario Corn and Seed Exhibition, Chatham	350
Quinte Seed Growers' Association Fair, Port Hope	150

These fairs make a definite contribution to Crop Improvement in the area which they serve.

ONTARIO CROP IMPROVEMENT ASSOCIATION

Each Branch of this Association may receive a $200 annual grant, to be paid on approved Crop Improvement Projects, Seed Fairs and Seed Displays. The following is a summarized report of the activities of the Association during the year:

No. of Branches organized	43
No. of Seed Fairs and Seed Displays held	25
Exhibitors	1,001
Entries	2,789
Attendance	17,925
Bushels of grain offered for sale	213,201
Pounds of clover and grass seed for sale	79,398
Bags of potatoes offered	5,525
No. of Crop Improvement Projects undertaken	223
No. of Farmers and Junior Farmers who co-operated	1,113
Acreage under projects	1,069

A two-day annual meeting was held in Toronto, also a Seed Display of representative quantities of seed for sale. Three thousand catalogues listing the following quantities of seed for sale were given wide distribution:

Bushels of grain	100,238
Pounds of clover and grass seed	24,062
Bags of potatoes	8,295

ADMINISTRATION OF THE WEED CONTROL ACT

Nine hundred and ninety-eight Weed Inspectors were appointed under the act by Municipal Councils. Six District Weed Inspectors were appointed by the Department of Agriculture, their duty being to supervise the work and to co-operate with all concerned in the administration of the act. County weed meetings were held during Spring months and information and supplies sent from this office to all Municipal Inspectors. A timely news article on "The Weed of the Week" appeared in the press during the summer months. Eight weekly interviews in connection with weed control were given over CBL during May and June.

During the year 7,467 threshing machines were registered. Of this number 5,017 were registered as being "for hire." The registration fee is $1. Each thresher in the province received a "No Smoking" sign for his machine. The Fire Marshal's office co-operated in printing these signs.

CHEMICAL WEED KILLERS

During 1940 there was increased interest in the use of chemicals as a means of eradicating weeds and brush. An ever-increasing number of municipalities sprayed weeds and brush on roadsides and their use is becoming more general on farms. Weeds can be eradicated from roadsides with Stephen Weed Killer, a patented preparation controlled in Ontario by the Province, at lower costs than cutting. Demonstrations were held to stimulate interest in this means of eradicating weeds.

Several counties and townships purchased sprayers during the year while others rented machines from adjoining municipalities.

Ten thousand pamphlets "Weed Eradication by Chemicals" were printed and distributed and an interview on "Chemical Weed Killers" was given over CBL the latter part of June.

Experimental work was carried on by the Branch at the Chemistry Department, O.A.C., Guelph, with a view to making a chemical available which will be ready mixed and obtainable in small quantities.

INTERNATIONAL GRAIN AND HAY SHOW

Circular letters, prize lists and reports were forwarded to Ontario growers regarding this show. Exhibits were collected at the Field Husbandry Department, O.A.C., and Ontario Department of Agriculture, Essex, and shipped to Chicago at the expense of the Department of Agriculture. Sixty-nine entries were sent from the province including 52 grain and seed and 17 corn. Ontario exhibitors won 51 prizes including 1 Reserve Championship, 1 Championship, 6 firsts, 6 seconds and 5 thirds. Total prize money paid and expenses in connection with the show amounted to $223.57.

PURCHASE OF SEED GRAIN FOR NORTHERN ONTARIO

This Branch had charge of the purchase of seed grain for Northern Ontario. All seed purchased was graded in accordance with the Canada Seeds Act. Distribution of seed was taken care of by Agricultural Representatives in their respective districts. The following is a brief statement of the expenditure involved:

Cost of grain	$14,936.02	
Cash sales	4,931.01	
Applied against expenditure		$10,005.01
Total number of farmers who signed notes		596

GENERAL CROP IMPROVEMENT PROGRAMME

The following educational exhibits were set up at Seed Fairs, Seed Displays, Crop Meetings and Plowing Matches: "Pasture Improvement," "Seed Cleaning Plants," "Smuts and Rusts of Cereals," "Fanning Mill Screens," "Operation of Fanning Mill with Power," "Potted Weed Exhibit," "Ontario Prize Winning Samples Chicago."

A list of fall wheat and fall rye for sale was prepared in midsummer and given wide distribution. A seed display consisting of representative samples of seed for sale was set up at the International Plowing Match, St. Thomas.

Seed Cleaning demonstrations were held in several plants. Demonstrations on reconditioning fanning mills were conducted at several seed fairs and crop meetings. A one-day conference for seed cleaning plant operators was held at Ridgetown, Guelph, Belleville and Kemptville.

Tests with seed treaters and fanning mills were continued during the year with a view to improving the efficiency of the various machines being offered by manufacturers.

Crop meetings in fields and halls were attended by representatives of the Branch and timely news articles on crop production and crop improvement were forwarded to the press from time to time.

Eight thousand hay-pasture posters were printed and distributed.

An outbreak of Dodder in fibre flax crops in Eastern Ontario occurred during the year with 550 acres infested. A five-year policy of eradication was formed in co-operation with the Federal and Quebec Departments of Agriculture. It was necessary to keep our District Weed Inspector in the area for five months.

A representative of the Branch has been supervising the production of Fibre Flax in the Casselman area, Russell County, and has also been assisting growers in the Orleans and Rockland areas.

A Potato Fieldman was added to our staff. A portion of the costs of testing various strains of Hybrid Corn was taken care of by this Branch. Every subsidized seed cleaning plant in Southern Ontario was inspected by a representative of the Branch during the early Spring months.

The Branch has been working closely with the Ontario Brotherhood of Threshermen. Annual meetings at Peterboro and Hamilton were attended and a $200 grant was paid the association.

THE CO-OPERATION AND MARKETS BRANCH

The activities of the Branch are devoted to finding new and larger markets for farm products, to improving distribution and marketing methods as now generally adopted and to getting greater net returns for the primary producers.

In Northern Ontario and in Northwestern Ontario this work is being undertaken by marketing promoters located at New Liskeard and at Port Arthur respectively. These marketing promoters serve the farmers in their respective districts by giving guidance in the crops to produce and by finding outlets for the products whether locally or farther afield.

Temiskaming and Cochrane Districts

In a general way, while there has been some slight price increase of farm products the actual income of farmers in the Temiskaming district has been lower this year following a season characterized by poor growing conditions. A noticeable increase was apparent in the movement of hay out of the district—some 800 tons in the year under review, compared with 12 carloads the year previous.

Agricultural conditions in the Cochrane district showed considerable improvement but further assistance is necessary to direct production and to provide a wider and more satisfactory distribution of farm products.

The production of grass and clover seed as well as grains could be further developed. Five seed cleaning plants in Temiskaming district are building an enviable reputation as sources from which to obtain seed of high quality. A few years ago seed was shipped into the district, now seed is being shipped out.

Potato growing has been increased through the activities of the Marketing Promoter and the Agricultural Representatives. From the Cochrane district supplies of certified Chippewas were available for growers in Southern Ontario this year. Seed sold well but table stock prices were kept low by competition from Maritime supplies.

The marketing promoter at New Liskeard has in addition to other duties acted as Fruit and Vegetable Inspector and has assisted the Milk Control Board.

Rainy River, Thunder Bay and Kenora Districts

Crop yields were very disappointing. Lower than average winter snowfall, a cold backward spring followed by early fall frosts combined to lessen crop yields. Prices of farm products have shown little improvement.

In the Spring of 1940 the Stanley Co-operative Cheese Company was organized, a suitable building was erected at Stanley and equipment installed for the manufacture of Cheddar cheese. Operation commenced on June 3rd, and continued until October 31st. During this period 1,006,125 pounds of milk were received, 40,000 pounds were sold to the fluid milk trade to meet a temporary shortage, the balance was manufactured into 89,655 pounds of cheese, one-third of which graded premium quality, the balance graded first quality. More than 35 carloads of cheese have been imported to the Lakehead in one year.

For the first time in the history of the district a carload of honey was shipped out of the district in 2-pound, 4-pound and 8-pound cans, basis 10c pound shipping point—a price quite satisfactory to the producers.

There was a noticeable increase in the live stock marketings during the past year. Local abattoirs are finding it unnecessary to import as much live stock. In February 14 carloads were shipped out of the Rainy River District. Production of dairy products has likewise shown an increase. These increases were noted despite poor crop yields and poor pastures resuling from unfavourable weather.

Co-operative trading organizations and numerous educational groups have been formed. Through these agencies it is hoped there may be more of a community approach to the problems of the producer and by a unity of action in some measure to find a solution. This should all make for improved agricultural conditions in the years to follow.

The Marketing Promoter for Northwestern Ontario has assisted the Ontario Milk Control Board by conducting enquiries on behalf of the Board and keeping the Board fully informed on conditions in the various markets.

Old Ontario

During the year the staff of the Branch has attended numerous gatherings of producers throughout the Province. Marketing suggestions, probable requirements, the need for more attention to grading and improved packaging, the value of co-operative effort in trading organizations as well as along lines to promote improved social conditions have all been featured.

Numerous contacts have been made to consult with and advise directors of co-operatives. There is great need for much more supervision and help for co-operative organizations to bring about the adoption of more business-like methods in the administration of the weaker concerns. The need for a wider application of co-operative principles and methods by primary producers after the present conflict is over seems certain. There is much to justify a further extension of the co-operative movement immediately.

Thedford Cold Storage, Thedford

On November 20th, 1939, the plant of the Thedford Cold Storage Co. Ltd. was offered for sale in order that the claim of the Government for $36,125 principal with accrued interest might be satisfied. There were no bidders at the sale and the Government therefore took title to the property under the provisions of the Mortgage Act. The plant has since been operated for the benefit of the celery growers and for producers of apples and vegetables.

The machinery had to be overhauled and some alterations in the layout of the building were advised. Authorization was given to undertake this work which was completed before the 1939 crop of celery went into storage, $10,000 being provided to pay for the labour and material necessary and to provide funds to defray operating expenses.

During the first season's operations ending July 31st, 1940, earnings were such that the guarantee from the Treasury Department was reduced from $10,000 to $8,500.

The celery at harvesting time in 1940 found a more ready sale so that the quantity placed in cold storage showed a reduction from 18,347 crates to 16,451. The quantity of apples placed in storage increased from 2,837 hampers to 4,776 hampers. The actual gross storage revenue will therefore be approximately the same as for the previous year. The maintenance and operating expenses will average somewhat lower per month so that the net result will mean a still further reduction in the guarantee from the Treasury Department for the coming year.

During the current year the storage was used by 44 persons as against 34 the year previous. Products were well stored, producers and dealers seemingly being well pleased. The manager at the plant gave a further service this year by offering to sell commodities being warehoused. This service, it is hoped, may lead to the establishment of a co-operative organization.

Due attention has been given to plant maintenance throughout the year. The water supply for the storage may prove inadequate. Accordingly plans are under way to utilize the brine tank to ensure a reserve supply of water for cooling purposes should the well fail.

General

Certain companies granted financial assistance under the Co-operative Marketing Loan Act were visited that the operations of these companies might prove more profitable.

The Branch has assisted numerous groups in becoming incorporated under Part XII of The Companies Act. The proper type of incorporation, a comprehensive statement of the objects of incorporation, suitable by-laws for co-operative bodies, and arrangements for a sound financial set-up are all matters that should be carefully considered with any group seeking incorporation.

Potato Fieldman

In New Ontario as well as in Old Ontario Mr. J. T. Cassin as Potato Fieldman has assisted the potato growers in matters pertaining to production and marketing.

In 1940 in the entire Cochrane District four cars of Certified Seed were planted. Nine cars of commercial fertilizer and 10 tons of Bordeaux dust were used. Forty dusting machines were in operation, applying dust and spray for prevention of Late Blight.

Where Bordeaux was properly used, good quality potatoes were harvested and some very high yields obtained. Four cars of Certified Seed Potatoes were sold at premium prices from Northern Ontario, and in addition growers were able to obtain their supplies locally for planting the 1941 crop. It was not necessary to ship seed potatoes into this district this season.

At the Crop Improvement Association and seed fairs throughout Ontario displays of seed potatoes were featured with interest to many intending purchasers, and many supplies were arranged for. There has been greater buying of good seed potatoes for planting the 1941 crop than in former seasons. Many growers made a complete change of seed.

Chain stores and other large distributors were induced to feature Ontario grown potatoes during the winter months. Well graded stock delivered regularly demonstrated definitely that the public has a preference for the Ontario table stock. To further develop this market outlet more inspection work and central grading facilities will be necessary.

Disease Control

Efforts were made to eradicate Bacterial Ring Rot. Farm storage places and implements used for planting, digging and grading potatoes were disinfected, and growers directed in disposing of their entire previous crop and arranging for disease-free seed on farms where this disease had been found in their 1939 crop, with the results that none was found on these farms in the 1940 crop.

This disease was found on five other farms last Fall. The Division of Botany and Plant Protection Division at Ottawa are co-operating in controlling this disease, with the hope of eradicating it completely and establishing disease-free areas.

Many fields were inspected and dusting and spraying demonstrations conducted and 40 meetings attended discussing potato production, especially the use of good seed and keeping plants protected with Bordeaux.

FARM PRODUCTS CONTROL BOARD

Under The Farm Products Control Act, the Farm Products Control Board is given authority to create and supervise the operation of local boards for regulating the marketing of designated farm products. The three chief features of the Act are, briefly:

(1) Provision for the Board to recommend approval after a poll has been taken and to state the necessary percentage of voters favouring a scheme to warrant its adoption. A scheme may be revoked in the same way.

(2) Provision on approval of a scheme to enable those who produce and market a designated farm product to constitute marketing machinery through which they may regulate the movement, direct the sale and determine the practices that shall prevail in the distribution of such a product.

(3) Provision for the investigation of marketing conditions and practices in connection with any designated farm product.

LOCAL BOARDS ESTABLISHED UNDER THE FARM PRODUCTS CONTROL ACT TO MARCH 31st, 1941

The Ontario Cheese Producers' Marketing Board: As reported last year, this was the first local board established under the Act. The purpose of the scheme is:

(1) To require all cheese to be sold in Ontario on local cheese boards under uniform rules and regulations.

(2) To defray the necessary expenses of the local board by a service charge of five cents per one hundred pounds of cheese marketed.

The extent the local board has achieved its aim and object of stimulating competition in buying cheese is evident from the figures that for the year under review 94.4% of the cheese graded in Ontario was sold on local cheese boards, whereas only 36.60% of the cheese graded was sold on local cheese boards in 1935, the year operations commenced.

Approximately 98,523,749 pounds of cheese were made in Ontario in 1940 from milk shipped by some 20,000 farmers; an increase in production of 10,005,294 pounds from 1939.

The Ontario Peach Growers' Marketing Board: Some 750 growers sold 8,320 tons of peaches for processing in 1940, which had a money value of $437,805.09. This was a substantial increase from the 8,557 tons of peaches sold by 611 growers for processing in 1939, which had a money value of $374,402.44. The 1940 negotiated minimum price was 2⅞c per pound for Elberta peaches, compared to 2½c per pound in 1939, and 2½c per pound for "V" type peaches compared to 2c per pound in 1939. Processors' tonnage of peaches from their own farms is not included in the above figures.

Peaches for the wholesale and retail fresh fruit trade are exempt from the plan.

The Ontario Asparagus Growers' Marketing Board: Approximately 650 growers sold 2,531,931 pounds of asparagus for processing in 1940, which had a money value of $212,774. This compares with 2,070,922 pounds of asparagus sold for processing in 1939, which had a money value of $172,608.53. The 1940 asparagus negotiated minimum price of No. 1A (5″) was 10¾c per pound, No. 1B (6″) was 9½c per pound, Utility Grade was 7⅛c per pound, and No. 2 Grade 5c per pound, compared to the 1939 asparagus negotiated minimum prices of No. 1A (5″) 10½c per pound, No. 1B (6″) 9¼c per pound, Utility Grade 7c per pound, and No. 2 Grade 5c per pound.

Asparagus for the wholesale and retail fresh vegetable trade is exempt from the plan.

The Ontario Pear, Plum and Cherry Growers' Marketing Board: Some 2,200 growers sold 1,430 tons of cherries, valued at $145,831.22; 1,278 tons of plums, valued at $39,904.53, and 5,934 tons of pears, valued at $189,006.36 for processing in 1940, compared to the sale by some 2,000 growers of 1,997 tons of cherries, valued at $133,081.85; 799 tons of plums, valued at $20,851.30, and 5,003 tons of pears, valued at $141,711.27 for processing in 1939. Processors' tonnage of cherries from their own farms is not included in the above figures.

Pears, plums and cherries for the wholesale and retail fresh fruit trade are exempt from the plan.

General: It will be noted from the foregoing that these three grower boards handling five commodities for processing only, did a combined total business in excess of $1,025,321.60 in 1940, compared to $842,655.39 in 1939.

Ontario Tomato Growers' Marketing Board: As reported for the fiscal year ending March 31st, 1939, there was then under consideration the establishment of a tomato marketing for processing scheme with similar aims and objects to those already discussed. Following a lengthy consideration at that time, the Board decided to enact certain regulations respecting the form of contract to be used by all companies in purchasing tomatoes for processing.

These regulations have now been in effect for two seasons and their operation is understood to have been reasonably successful. They went a long way toward putting Ontario's largest canned goods industry on a basis where all companies were on a common ground in buying their raw supplies.

The industry still lacked the authority to negotiate minimum prices for tomatoes for processing by committees of equal numbers of growers and processors, a development growers particularly desired to have enacted. Continuous petitions for approval of such a price negotiating provision were made during the year just closed. These followed a poll of the growers concerned which showed 4,355 growers in favour of the scheme, 12 against the scheme with 30 declining to vote. The Board recommended the proposed scheme which was approved by the Minister, December 7th, 1940.

Chief feature of the plan is provision for the appointment under the local board set up of a negotiating committee comprised of three growers and three processors. This committee is empowered to negotiate and fix agreements respecting all the various terms of contract for purchasing tomatoes for processing including conditions of sale and minimum prices.

The usual provision for arbitration is included in case of deadlock in the committee's negotiations. Finally a service charge of 10c per ton is made on all tomatoes processed to cover the necessary operating expenses of the local board.

CREDIT UNIONS

The organization of Credit Unions in the Province of Ontario is authorized by "The Credit Unions Act" approved by the Ontario Legislature, 1940. This act also rescinded The Co-Operative Credit Societies Act, 1922, and The Credit Unions Amendment Act, 1939.

Since the approval of The Co-Operative Credit Societies Act, 1922, and up to March 31st, 1941, 77 Ontario Credit Unions have been incorporated of which 67 are in operation, one has been dissolved and nine have had their certificates of incorporation cancelled. Fifty-one credit unions have been incorporated during the fiscal year just ended.

Credit Union membership and resources have shown a remarkable growth during the past year. All of it did not originate in that period as a number of organizations developed and operated as unincorporated groups during the past five years when letters patent were not being issued. Most of these societies came under the supervision of The Credit Unions Act, 1940, immediately charters again became available. A substantial number of societies operating as and calling themselves "Credit Unions" still have to become incorporated. Many of these are now arranging to do so when technicalities connected with transferring the assets of an unincorporated group to a chartered company are completed.

No organization may use the words "Credit Union" in Ontario without being incorporated.

The complete classification of incorporated Credit Unions as at the close of the last fiscal year is as follows:

Description	*Number Operating*	*Total Assets*	*No. of Members*	*No. of Borrowers*
ASSOCIATIONAL:				
Co-Operative	4	$ 3,908.99	190	98
Labour	2	1,370.51	98	30
Racial	13	143,560.65	1,339	751
Religious	14	987,603.99	3,980	984
OCCUPATIONAL:				
Educational	2	8,527.57	177	60
Government:				
Federal	3	497,029.44	4,084	2,239
Municipal	2	59,735.18	552	318
Industrial:				
Metals—steel	1	15,772.50	503	192
Machine manufacturers	1	5,340.12	149	102
Motor Vehicles	1	102,564.64	909	558
Paper	1	6,879.69	199	77
Printing	2	10,236.25	168	120
Public Utilities—Telephone	3	8,088.42	346	141
Rubber Products	1	1,921.50	139	78
Transportation	3	13,934.67	374	194
Twine Mills	2	57,877.92	372	135
RESIDENTIAL:				
Rural Community	3	328.22	97	2
Urban Community	9	12,251.97	785	217
	67	$1,936,932.23	14,461	6,296

Section 47 of The Credit Unions Act, 1940, requires all credit unions organized thereunder to make reports to the Department at least annually and pursuant to this provision the Inspector of Credit Unions has caused annual returns to be rendered not later than March 1st in each year. These returns consolidated for the last fiscal year reveal a substantial membership and financial growth compared to the same period of a year ago, viz:

	1939	*1940*
Credit Unions operating	16	67
Total Membership	8,809	14,461
Total No. of Borrowers during the year	4,309	6,296
Total Share Capital	$ 390,838.41	$ 600,746.01
Total Deposits	$ 1,041,371.27	$ 1,057,695.53
Total Amount Loaned during the year	$ 995,726.27	$ 1,424,603.64
Total Amount Loaned since organization	$ 8,293,588.72	$10,486,130.37
Total Assets	$ 1,657,909.13	$ 1,936,932.23
*Total Guarantee Funds	$ 159,228.41	$ 178,346.58

* Reserve against uncollectible loans and losses. Must be invested in investments authorized by The Trustees Act (Ontario).

Of interest to Ontario Credit Unions is the amendment to The Corporations Tax Act during the 1941 Session of the Legislature, exempting Credit Unions from the provisions of that statute. The amendment recognizes credit union contention that paid-up shares in this instance are not capital but are simply evidences of accumulated savings which belong to the members.

Credit Union Certificates of Incorporation have been issued to 67 groups. Ten have been dissolved during the past 10 years.

HEARST DEMONSTRATION FARM

The Spring was exceptionally late and only a few acres were sown at the beginning of June. All the grain ripened without being affected by frost but seeding was so late that oats rusted and the yield was low. Barley proved the most suitable crop for the district again and good yields were obtained.

Field Husbandry

The following table gives the varieties and yields obtained from the crops grown.

	Acreage	*Total Yield*	*Average Yield*	*No. Days to Mature*
Cartier Oats	18	504 bus.	28 bus.	85
O.A.C. Barley	18	704 bus.	39.1 bus.	87
Nobarb Barley	4	118 bus.	29.1 bus.	94
Coronation Wheat	1¼	22.5 bus.	18 bus.	96
Turnips Halls Westbury	1¼	20 tons	16 tons	83

Hay

Tripods were used for curing alfalfa on fifteen acres. This method was satisfactory and was useful for curing early cut hay.

ANIMAL HUSBANDRY

Cattle: The importance of keeping a qualified bull at the head of the herd is being demonstrated by our Sire Kapuskasing Supreme 57th. This sire has all the credentials needed as regards production to graduate into Class AA and as soon as he is of age we will endeavour to have him classified.

Ten Ayrshire cows are now on R.O.P. and we will be able to sell qualified bulls to settlers this coming year.

Swine: Sixty-five hogs were raised from seven litters. Boars sold for breeding, 4; sows sold for breeding, 9; pigs sold at six weeks, 7; sold for meat, 45.

Poultry: Eight hundred Barred Rock chickens were raised and 215 pullets were sold to local settlers. One hundred cockerels were caponized and a small display of these capons was made in a local store which interested the consumer and settlers. A small flock of 160 hens was kept for laying purposes only.

MILK CONTROL BOARD OF ONTARIO

The Milk Control Board of Ontario has now served the dairy industry of the Province for seven years. During that period numerous problems have been solved, but in many respects the problems presented during the past year have been the most difficult of the entire period.

Increasing experience has brought about establishment of many sound principles and precedents, as a result of which decisions have been possible with less delay and more uniformity than during earlier years. This has been particularly true in decisions respecting license applications, arrears in payments to producers, milk price agreements, etc. Increased efficiency in handling what might be called routine matters has allowed the Board more time for consideration of the more fundamental problems of the industry.

The development of war conditions, and their effect on the milk business, has brought problems not previously encountered. The increasing shortage of labour and increasing costs of supplies and services has resulted in an increasing demand for upward price revisions while at the same time public opinion has been decidedly opposed to any increase in the cost of food commodities. To reconcile these two opposing points of view was the major problem facing the Board at the end of 1940.

Early in 1941 the demand by milk producers across Ontario for increased returns to cover increased costs resulted in definite negotiations regarding higher milk price levels. In some markets revised milk marketing agreements were completed but in many aras agreements were impossible and the Board was required to arbitrate price disputes between milk producers and milk distributors.

In the Board's opinion, the producers proved beyond doubt that increased prices were justified and it had no hesitation in approving agreements and settling disputes on a basis which provided an increased income for fluid milk producers. On the average, the increases provided were about the same as the price improvment received by other dairy farmers as a result of higher prices for manufactured milk products, namely, from 20 to 30 cents per hundred pounds.

From studies of price spreads and increased costs of distribution, it was apparent that the producer price could not be raised without a revision in re-sale prices, and consequently a fairly general upward revision of about one cent per quart in retail prices became effective.

As in former years, the Board met as a body from two to four days each week and members who were devoting their entire time to milk control work spent the remainder of the time in administrative and investigational activities. One hundred and sixty meetings were held for consideration of decisions as to milk prices, licenses, etc., and in addition 589 separate hearings of various kinds were conducted. At these hearings deputations were heard, arbitrations were conducted and individual persons appearing in connection with license applications and other such matters received consideration.

All milk distributors were licensed and those who were purchasing milk were bonded; milk transporters in Toronto and Hamilton markets were licensed and the Board's field staff of milk check testers and auditors continued to supervise the operations of the business throughout the Province.

In addition to the subjects mentioned above, many individual problems came before the Board, from time to time, for study and decision.

The question of distributor spreads received a great deal of consideration. The general public seems to feel that the difference between the price paid to the producer and the price charged the consumer is out of line with the services rendered, and a great deal of work has been done to see whether or not this feeling is justified. It is rather difficult to work out the exact cost of distribution, but from the study of financial statements, wage structures and the spreads in other Provinces and in other countries, it would appear that the existing price spreads in Ontario are not out of line with those in effect in other places.

The Board has made some effort to determine whether consumer complaints regarding bottle losses, special delivery costs, bad debts, etc., are such that an unwarranted charge is put on the consumer. It would appear that, even though the total cost of these items is substantial, they cannot be eliminated altogether and if the maximum saving in connection with them were made, that saving would not have the reflection in retail prices that the general public seems to feel it should have. However, some of these factors in distribution appear to the Board to be costing more than they should and the Board has pointed out to the distributors that every effort should be made to reduce the cost of distribution as much as possible.

Studies in connection with these matters and conferences with a view to arriving at a solution of these problems are receiving the Board's continual attention. The experiments being conducted in some other countries in connection with large containers, milk depots, etc., are being watched with interest but up until the present time the Board is not persuaded that these methods are of sufficient proven value to be recommended generally for Ontario markets.

Even though many contentious issues have arisen, it has been possible to clarify these without any undue disturbance—disputes have been settled, milk prices have been adjusted and producers have been paid for the milk they shipped without any of the chaotic situations which often arose in connection with such matters previous to the passing of the Milk Control Act and the establishment of the Milk Control Board.

PROVINCIAL ENTOMOLOGIST

With the retirement of Professor L. Caesar, on May 31st, 1940, a long period of service in this position was officially terminated.

RESEARCH AND EXPERIMENTAL WORK

By reason of heavy extension and administration duties of the Provincial Entomologist, research and experimental work is carried on largely by the staff of the Entomological Department of the Ontario Agricultural College.

Stored Grain Insect Control

Experiments conducted, under farm granary conditions, while held up because of low temperatures in the early season, showed clearly that commercial fumigants were being used at too weak a rate and in bins which were not sufficiently gas-tight. Tests of various methods of application and of making the bins gas-tight, without removing the grain, have been made. Further tests are planned for this season since some of the results obtained are contradictory.

Many granaries during this past season were presumed by the owners to be heavily infested with insects because of the heated and moulded state of the grain. Careful examination of many such bins showed the condition to be a result of the high moisture content of the grain when it was threshed. In such granaries it was suggested that the heated grain be treated by shovelling to expose it to cold air and preferably by putting through the fanning mill.

Prior to harvest last year the press and the agricultural representatives were circularized with information relative to the disinfestation of granaries before the new crop was brought in.

Sugar Beet Nematode

As a result of the infestation of sugar beets by the sugar beet nematode in a small area near Sarnia in 1939, a survey was conducted this year to determine what spread, if any, had occurred and what degree of infestation was present throughout the beet-growing area of the province. This was a joint survey by the Dominion Science Service, the Provincial Department of Agriculture and the Dominion Sugar Beet Company of Chatham. As a result of this survey a reinfestation of the field where nematodes were first found in Ontario in 1931 was discovered at Glencoe this year and about two acres of beets were involved in this location. The expense of complete destruction of this crop was assummed by all of those co-operating in the project and the work was done under the supervision of Dr. G. M. Stirrett of the Chatham Entomological Laboratory.

Further study of this pest is to be carried on in an attempt to discover control methods and also possible means of beet production in soils where the nematode is present.

Rabbit Control in Orchards

As a result of experiments conducted in previous years, resin-alcohol solution was found to be the most promising repellent material for use on young fruit trees as a protection against rabbit injury. This season it was suggested to orchardists that in those areas where rabbits are a serious menace, this solution be given a trial. In a number of orchards under observation the treatment gave apparently satisfactory results, no rabbit injury having occurred on the trees since the material was applied. In some cases where instructions were not followed, the results have not been satisfactory. The chief reason for failure in such cases seems to be that the resin-alcohol solution was applied to the trees when the bark was wet. This, because it causes the repellent to flake off and be almost useless, was warned against in the circular which was prepared and sent out. In nearly every case where the treatment has proven successful a single application of the solution is all that has been given.

Further work with the object of determining the effect of the resin-alcohol treatment on bud development, if any, is being carried on throughout the spring season. From a cost standpoint the resin-alcohol treatment compares favourably with the alternatives of burlap wrappings, wire guards and triangular wooden cribs.

Testing Spray Mixtures

Tests of spray materials on which to base spray service information were continued co-operatively between the Departments of Entomology and Botany in the Ontario Reformatory orchard and the College north orchard. In view of the exceptionally unfavourable weather of last season it was possible to obtain additional valuable data on the value of both materials and methods recommended in the Ontario Spray Calendar for Apples From an insecticidal aspect interesting results were obtained in the experimental sprays in which the relative merits of stickers were tested. The object of including these stickers is to hold the lead arsenate of the first apple maggot spray on the trees sufficiently long to dispense with the need for a second apple maggot spray. As a result of the discovery of a 1% white oil emulsion as the best sticker in previous experiments, this material was tested in a larger number of experiments this season. In comparison with bentonite clay, which last year was second to the oil in value as a sticker, the 1% white oil this year, under conditions of increased moisture, was not superior. At the same time, chemical analyses of the foliage showed that both materials maintained a good arsenical residue well into the fall season.

The addition of oil to two successive applications of a weak Bordeaux (1:2:40) at the time of the first and second apple maggot sprays resulted in some green blotching on McIntosh apple. Two such Bordeaux applications, without the oil, gave almost as much general russeting of apple fruit as where oil was included with these sprays as a sticker.

Testing Hybrid Corn for Freedom from Corn Borer Injury

This work, in co-operation with the Field Husbandry Department, is in its third season. By reason of the big increase in corn borer abundance this year, there was not the marked difference in numbers of borers as between hybrids and open-pollinated strains characteristic of the two previous years. In those years most of the hybrids had much smaller numbers of borers in them than the open-pollinated strains.

The outstanding characteristic of greater stiffness of stalk and therefore ability to withstand borer damage was again demonstrated by a large percentage of the hybrids in this year's experiments. In support of the experimental results, it can be stated that the ability of many of the hybrids to withstand heavy borer damage was demonstrated in many fields of commercial hybrid corn.

Spraying Sweet Corn for the Control of Corn Borer

As a result of promising controls with insecticides for corn borer in sweet corn in the United States, co-operative experiments were undertaken in Ontario with Dr. G. M. Stirrett and his staff from the Chatham Entomological Laboratory. The two most promising insecticides found in the United States were used in the tests, namely, derris (4% rotenone) and synthetic cryolite. With each a spreader was used to increase the coverage on the plants. An interval of five days was allowed to elapse between applications and two and five sprays respectively were applied in the case of each material. Counts of borer-free, marketable ears showed that with early sweet corn the treatment could be profitably applied in Ontario. Further tests with these materials are, of course, necessary and will be carried on in 1941.

European Earwig

This insect was reduced in numbers sufficiently by the 1939 baiting programme that, in the opinion of members of the Department of Entomology who visited Ayton in August, 1940, a further treatment was not justified. It was felt, however, that such a baiting programme would probably be profitable in 1941. Such a programme would be under the supervision of the Provincial Entomologist and the Department of Entomology, as in the 1939 work.

Japanese Beetle

During August and September, 1940, an infestation of the Japanese beetle was found for the first time in Canada. This was in a rose garden in Queen Victoria Park, Niagara Falls, where thirty-two adults were taken, largely on hybrid tea roses but occasionally on dahlia blooms. These captures were made by the personnel of the Dominion Plant Protection Division office at Niagara Falls. Co-operative control measures have been planned between the Dominion and the Provincial Departments of Agriculture and the City of Niagara Falls. These will go into effect probably in late April of 1941. Specialized equipment and supervision by an experienced operator, it is hoped, will be supplied by the United States Department of Agriculture.

EXTENSION

Spray Service Supervision

This work was again carried on in conjunction with the Department of Botany. Spray service circulars were prepared and sent currently to all parts of Ontario outside the Niagara Peninsula.

Inspection Tours and Personal Calls

Insofar as possible the fruit districts and as many other districts as time and work permitted, have been visited in order to have a personal knowledge of insect conditions throughout the province and thus be able to render a fuller service to the public. Endeavour has been made to adhere to the policy of Professor Caesar of answering in person special calls for consultation and advice as one of the most effective methods of rendering aid.

Miscellaneous

The fruit conventions of 1940 were largely addressed by Professor Caesar since these were held prior to his retirement. The meetings of 1941 have been addressed by R. W. Thompson, his successor. Other agricultural meetings have been addressed by Mr. Thompson throughout the year.

Press letters were prepared on insects of special importance and sent to the press and agricultural representatives.

The spray calendars were revised on the basis of the results obtained in experiments, supplemented by orchard observations throughout the season.

ADMINISTRATIVE DUTIES

The supervision and enforcement of the regulations under the Plant Diseases Act pertaining to corn borer, nurseries, peach yellows and little peach, oriental fruit moth, apple maggot and black knot comprised the chief administrative duties.

European Corn Borer

Because of trying weather conditions in the spring of 1940, the standard of clean-up of corn refuse was not comparable to preceding, drier years. This does not, however, explain in more than small part the big increase in borer abundance in 1940. Stalk infestation counts were made in all counties under enforced clean-up regulations and observations were made in territory further east, almost to the Quebec boundary. In all of the territory where clean-up regulations are in force the increase in stalk infestations was double to almost treble those recorded in 1939. The abundance of moisture was responsible for the majority of the increase in borer abundance last season. A stricter enforcement of clean-up regulations will be necessary in 1941, more especially if weather conditions are similar to those experienced in 1940. There is a much bigger acreage of corn to be cleaned up this spring than has been the case for a number of years past, largely because of the unfavourable weather for such work last fall.

Nurseries

A larger list of nurseries was registered last season than in the preceding year with the result that it was not possible to complete the inspection of all of these, since one inspector only was employed at this work. Included in the twenty nurseries not inspected in 1940 are some nurseries in which, because of their location, there is little likelihood of San Jose scale occurring.

There was no increase in the amount of San Jose scale or other serious insect or plant disease. Sufficient incidence of San Jose scale was noted throughout the nurseries, however, to warrant the continuance of this inspection, especially since such service is necessary to permit entry of the rather large volume of nursery stock which Ontario sends into other provinces of the Dominion.

Peach Yellows and Little Peach

As in 1939 there was once more a significant reduction in the number of trees which had to be destroyed for these two diseases. The number of trees destroyed in 1940 was slightly more than half that recorded for 1939. This reduction is once more attributable to the increased efficiency of the inspection service and also to the small incidence of the plum leaf hopper, the insect mainly responsible for the spread of these two diseases.

Oriental Fruit Moth

The sterilization of containers used for peach fruit and the treatment of peach refuse to destroy larvae and pupae was continued as in previous years.

Apple Maggot

There was some reduction in the time available for inspection of commercial orchards this year. While the actual number of orchards infested by this insect increased by 9.7 percent (and this figure shows, for 1940, 48.8 percent of Ontario orchards infested), a large number of such orchards have only light infestations, in many cases a few apples on a single tree in the orchard. The weather of the past season appeared particularly favourable to the insect and in such a season it is almost impossible to prevent an increase in the number of orchards infested. One of the greatest contributing factors to apple maggot increase is the large numbers of old apple trees and hawthorns which exist within a mile of commercial orchards. While such conditions exist it is virtually impossible to prevent some flies from drifting into commercial orchards at a time when they are ready to lay their eggs.

Black Knot

This disease is usually present to a greater extent in cities and towns. The majority of our commercial plum and cherry orchards are free from this disease. Inspection was mainly limited to localities where its presence had been discovered in the previous season by inspectors in the performance of their other duties after the proper time for black knot eradication.

DAIRY BRANCH

During the 1940 session of the Legislature an amendment was made to the Dairy Products Act as follows:

> *"A person who holds a license under the Milk Control Act to process milk shall not require a license under this Act to operate a milk condensery, milk powder plant, or milk separating plant, provided that the other provisions of this Act and the Regulations shall apply to every such plant."*

This amendment eliminates the duplication of licenses issued under the two Acts in plants where butter or cheese are not manufactured.

The yeast and mould count services was started in May, 1940, the laboratory being located in the Dairy Building of the Ontario Agricultural College. Creameries entering the service pay an annual fee of $5, which entitles them to submit one sample of butter per week for analysis. Approximately 85 creameries availed themselves of this service. It is expected that more creameries will join the service in 1941.

Dairy Branch Field Staff

	1939	*1940*
Chief Instructors	3	3
Cheese Factory and Creamery Instructors	2	2
Cheese Factory Instructors	28	28
Creamery Instructors	10	10

Number of Plant Licenses Issued

	1939	*1940*
Creameries	297	288
Cheese Factories	645	608
Combined Cheese Factories and Creameries	40	40
Totals	982	936

Cheesemakers' and Buttermakers' Certificates issued:

Cheesemakers' Certificates

	First Class	*Second Class*	*Permits*	*Beginners' Permits*	*Total*
1939	362	194	88	30	673
1940	422	181	67	38	708

Buttermakers' Certificates

	First Class	*Second Class*	*Permits*	*Beginners' Permits*	*Total*
1939	291	34	1	26	352
1940	283	36	1	29	349

Production of Cheese and Butter in Ontario

Cheese	*1939*	*1940*
Western Ontario	14,397,868 lbs.	18,845,609 lbs.
Central Ontario	13,855,749 lbs.	14,846,343 lbs.
Eastern Ontario	59,877,940 lbs.	64,198,854 lbs.
Northern Ontario	386,898 lbs.	632,943 lbs.
Total	88,518,455 lbs.	98,523,749 lbs.

These figures indicate an increase in the production of cheese in 1940 of 11.3 per cent as compared with 1939.

In 1940, Ontario produced 69.3 per cent of the total cheese produced in the Dominion as compared with 71.2 per cent in 1939.

Creamery Butter	*1939*	*1940*
Western Ontario	56,595,586 lbs.	57,243,275 lbs.
Central Ontario	15,870,060 lbs.	15,753,643 lbs.
Eastern Ontario	12,104,550 lbs.	10,400,525 lbs.
Northern Ontario	3,673,641 lbs.	3,839,241 lbs.
Total	88,243,837 lbs.	87,236,684 lbs.

The production of butter in Ontario decreased 1.1 per cent as compared with 1939.

Ontario produced 33.3 per cent of the total butter produced in the Dominion as compared with 33 per cent in 1939.

Federal Grading of Ontario Cheese and Butter:

Cheese	*Total Boxes*	*Per Cent First*	*Per Cent Second*	*Per Cent Third*	*Per Cent Below 3rd*	*Average Score*
Western Ontario	191,410	95.05	3.87	.08	—	92.554
Central Ontario	254,641	96.65	3.29	.05	.01	92.971
Eastern Ontario	634,753	96.14	3.73	.01	.03	92.679
Northern Ontario	4,661	81.53	17.51	.43	.53	91.392
(1940) Total	1,085,465	96.18	3.71	.09	.02	92.720
(1939) Total	940,907	94.41	5.41	.16	.03	92.398

The increase in first grade cheese in 1940 as compared with 1939 was 1.78 per cent.

Butter	*Total Boxes*	*Per Cent First*	*Per Cent Second*	*Per Cent Third*	*Per Cent Below 3rd*
1940	570,680	58.62	38.55	2.61	.22
1939	518,664	58.58	36.50	4.42	.50

The increase in first grade butter in 1940 was .04 per cent as compared with 1939.

Butter packed in used boxes, single liners, or containing over 2 per cent salt is placed in second grade regardless of the quality of the butter. As Ontario consumes practically all of the butter made in the Province, much of the butter is packed in used boxes and the salt content is quite often over 2 per cent. Therefore, the above figures do not necessarily give the true picture of the quality of Ontario butter. Some 19.82 per cent of the butter graded in 1940 was first grade in quality but was placed in second grade because of used boxes, single liners, or contained over 2 per cent of salt. After making the above adjustments, the quality would be as follows:

	Per Cent First Grade	*Per Cent Second Grade*	*Per Cent Third Grade*	*Per Cent Below 3rd Gr.*
1940	78.44	18.73	2.61	.22
1939	74.95	20.13	4.42	.50

Using the above figures, this is the highest percentage of first grade butter since 1928 when 78.8 per cent was placed in first grade.

Approximately 37 per cent of Ontario creamery butter is graded. Many creameries submit only their butter made from second grade cream for grading. Their first grade churnings go directly into prints. This has a tendency to increase the percentage of under grade butter in the above figures.

Cream Grading

Quality of cream as compared from instructors' monthly reports on cream grading:

	Per Cent Special	*Per Cent First*	*Per Cent Second*	*Per Cent Off*	*Per Cent Special & 1st*
1940	4.4	86.53	9.0	.07	90.93
1939	4.1	85.53	10.3	.07	89.63

In 1940 we had the lowest percentage of second grade cream reported since the inception of cream grading in 1926.

Cheese Factory Summary

	1939	1940
No. of factories operating	659	639
No. of patrons	24,729	26,571
Average per cent of fat in milk	3.34	3.43
Pounds of milk to one pound of cheese	11.43	11.21
Pounds of cheese to pounds of fat	2.46	2.56
Money spent on improvements	$226,388	$272,757
Average price per lb. of cheese	12.69c	15.32c

Creamery Summary

	1939	1940
No. of creameries operating	331	322
No. of patrons	90,946	90,422
Average per cent of fat in cream	31.9	31.8
No. of creameries manufacturing powdered and condensed milk	17	20
No. of creameries manufacturing buttermilk powder	23	21
No. of creameries manufacturing whey butter	42	46
No. of creameries with meat storage (lockers)	56	66
No. of creameries manufacturing butter only—		
(a) no other side lines	91	82
(b) no other dairy product	164	157
Average price of butter	23.59c	26.11c
Average price first grade fat	23.48c	25.90c

Creamery Instruction

The policy followed was similar to that of 1939. More habitual second grade cream producers were visited than in other years. The causes of second grade cream were, for the most part, neglect to apply proper methods in caring for the cream rather than unsanitary conditions. A summary of the causes is as follows:

Of the producers of second grade cream visited approximately:

46 per cent did not cool the cream properly,
12 per cent did not keep separators or utensils properly washed,
9 per cent kept cream in an unsuitable place,
9 per cent skimmed cream too low in butterfat,

6 per cent used rusty, galvanized or otherwise unsuitable pails,
4 per cent did not ship the cream often enough,
3 per cent had separators in unsuitable location,
2 per cent had generally unsanitary conditions,
1 per cent did not keep cream properly covered,
1 per cent had trouble with exhaust fumes from their gasoline engines.

With few exceptions the visits of the instructors to the producers were appreciated. Very few complaints on the testing of cream were received during the year.

In midsummer much butter was placed in undergrades for unclean flavours, particularly on the surface. These flavours were chiefly concentrated in the areas where rainfall had been heavy. Water appeared to be one of the main causes for the flavours. Chlorination of the water supply was recommended and practiced in several cases with beneficial results.

The mechanical defects found in butter were reduced 1.1 per cent from 1939. Neutralizer flavour, free and leaky moisture and faulty packing and finish were reduced considerably. There was a large increase in colour defects. Many of these appeared in print butter. There were more defects in undissolved salt than in 1939. The number of defects in texture remained about the same.

A survey of the conditions of the cream cans in use by the creameries was made during October and November. The survey, while of a preliminary nature, revealed that an appreciable precentage of the cans in use were not in the best of condition. Faulty can washing methods were also indicated by the number of cans reported as being wet. About 40 per cent of the cans in use belonged to creameries other than those using them.

Thirty-three agricultural short courses were attended by the instructors with an average attendance of 39.

Forty-six fairs, including two seed fairs, were attended by the instructors who acted as judges for the dairy produce classes—chiefly the cream quality and cream grading competitions. The average number of entries in these classes at each fair was sixteen.

Seventeen buttermakers' clubs operated during 1940. The instructors attended 133 of their meetings—the average attendance at each meeting being nineteen.

Cheese Factory Instruction

During the 1940 season the instructors were relieved of testing milk at cheese factories from May 1st to September 30th. The milk testing during these months was done by employees of the Cheese Producers' Association. This relieved the instructors of a good deal of routine work which resulted in more time for instructional work at factories and farms. The instructional work on farms consisted of personal visits to producers who were sending poor quality milk to factories.

By means of the methylene blue, fermentation and sediment tests, instructors were able to detect poor quality milk at factories and the producers who were sending this kind of milk. By visiting these producers and instructing them on proper methods of cooling and caring for milk they were able to improve the milk supply, which resulted in improved quality of cheese being manufactured and a decrease in the percentage of second grade cheese.

During 1940 instructors made 12,265 visits to cheese factories. They also visited 3,708 producers sending poor quality milk to cheese factories. They made 13,418 sediment tests, 26,457 methylene blue tests and 10,698 fermentation tests.

Rancid flavour was the most prominent defect in Ontario in 1940. Due to the increased number of quality tests made of the milk as it arrived at factories, and increased visits to producers, instructors were instrumental in checking outbreaks of this trouble at many factories and were able to decrease the amount of second grade cheese that would have resulted with less attention being paid to the quality of milk received at factories.

DEMONSTRATION FARM, NEW LISKEARD

The growing season of 1940 was the most unfavourable experienced for many years in this district due to excessive wet weather at seeding and harvest time. Most of the seeding on the Demonstration Farm was done in June, consequently the harvest was late and samples of grain poor.

Weather during Growing Season, 1940

Month	*Rainfall* *Days*	*Rainfall* *Inches*	*Sunshine* *Hours*	*Temperature* *Maximum*	*Temperature* *Minimum*
May	16	1.16	82	77°	24°
June	15	5.	108	86°	31°
July	7	1.35	291.5	94°	37°
August	12	9.46	142.3	90°	32°
September	11	2.82	78.2	74°	27°
October	11	1.68	70.1	70°	12°
Total	72	21.47	772.1		

LAST FROST—April 11, 1940.
FIRST FROST—September 22, 1940.

Seasonal Notes

May 11—Commenced work on land.
May 14—First grain sown.
May 29—Turned young cattle into pasture.
July 2—Commenced cutting hay.
July 13—Finished seeding.
August 2—Finished haying.
August 11—Commenced filling silo.
August 24—Started to cut grain.
August 26—Started cutting 2nd crop of hay.
September 25—First snow.
October 8—Finished cutting grain.
October 18—Harvested small vegetables.
October 21—Cattle brought in for winter.
November 5—Finished ploughing.

FIELD HUSBANDRY

Grain

Fall wheat yields compared favourably with spring wheat and seeding and harvest operations do not conflict with spring grain. No fall wheat was sown this year due to unfavourable weather conditions at planting time.

Hay

The yield and the quality of hay was good. Alfalfa has proved to be satisfactory both as a mixture and when used alone.

Silage

Two crops were used for silage, pea straw from the canning factory and green oats. Both crops gave satisfactory results. The green oat ensilage did not freeze as much as the pea straw ensilage.

Pasture

The main pasture used this year was a permanent blue grass, supplemented with aftermath from early cut meadows. The white blossom sweet clover planted for pasture winter-killed and consequently was of no value.

Peas

Five acres of canning factory peas and one acre of Chancellor peas were sown. None of this crop was worth harvesting due to excessive wet weather.

Grain	*Acreage*	*Yield*
Fall Wheat	13	285 bushels
Mixed—Oats and Barley	9	567 "
Mixed—Oats and Barley	20	411 "
Regent Wheat	⅞	10 "
Reward Wheat	1½	25 "
Coronation Wheat	2	27 "
Erban Oats	10	305 "
Vanguard Oats	6	148 "
Cartier Oats	30	609 "
Hay	55	94 tons
Potatoes	1	5,380 lbs.
Turnips	1	23 tons

GENERAL LIVE STOCK

The work of the live stock and poultry divisions consist chiefly of supplying foundation stock, assisting in arranging purchase of breeding stock from other districts and demonstrating the proper care and management of flocks and herds.

The annual auction sale of surplus live stock was held August 14th. There was an increased demand for bulls and rams, but fewer buyers for swine than in past years.

Horses

One Percheron colt was raised this year and the mare is in foal again. She was fed Potassium Iodide twice a month last winter and inoculated for prevention of Joint Ill. Foals in past years have all been healthy, indicating the benefit from inoculation. A number of farmers lose foals every year with Joint Ill. A few local mares were inoculated for prevention of Joint Ill this year by the veterinarian. One of our 1939 Percheron colts has been kept as a stallion and is developing satisfactorily.

Cattle

The Shorthorn herd made some satisfactory records this year. Two mature cows finished with over 10,000 lbs. of milk. The herd entered in R.O.P. has an average test of 4 per cent. We have some promising heifers sired by our present herd sires, but none in production as yet.

Swine

Six Yorkshire-bred sows were kept this year. They each raised two litters with an average of nine pigs per litter. The sows were fed Potassium Iodide in winter months and the young pigs received Ferric Sulphate. There was no indication of hairless or anemic pigs and the mortality was low. All pigs were treated regularly for internal parasites.

The sows were again wintered in an old brooder house, being allowed to run at will in the barn yard. They were fed grain in self-feeder hoppers and clover hay in the snow. This method eliminates expensive piggeries for wintering breeding stock and provides the hogs with plenty of exercise and sunshine.

Sheep

The flock of Oxford Down sheep netted good returns. Nineteen lambs and 128 pounds of wool were produced by 14 ewes. The wool brought $32.29 through the Canadian Co-operative Wool Growers Ltd. The ewe lambs were retained to increase breeding stock. All sheep were treated in the Spring and Fall for internal parasites and dipped for ticks.

Poultry

There was a fair demand for hatching eggs, although more farmers are purchasing chicks through hatcheries. One hundred and twenty-six pullets were distributed among the farmers in the Fall. We were unable to supply the demand. A few male birds were sold during the winter for breeding. Our flock of Barred Plymouth Rocks and New Hampshires Reds laid well in winter months. The Plymouth Rocks had the highest egg production, but the New Hampshire Reds came to their full egg size earlier in the Fall. Poultry was the most lucrative division of the farm.

HORTICULTURE

Farmers have been encouraged to make use of native trees and hardy shrubs in home beautification. One hundred and thirty-five white birch, spruce and cedar trees were planted around the Demonstration Farm buildings and lanes. An Iris bed was established.

Hardy cherry and plum trees were planted as a test and a few raspberry cane were distributed. Assistance has been given a number of farmers in choosing varieties of trees and shrubs and laying out planting grounds.

GENERAL EXTENSION

Twenty-eight meetings were attended. The Superintendent judged at four fairs and four Field Crop Competitions during the year. Seventeen organizations or groups visited the Demonstration Farm.

Soil

Farmers of the district are becoming more interested in soil fertility. Many farmers sent samples to the Ontario Agricultural College. Many of these were definitely acid, and phosphorous seemed to be deficient in the majority. The soil on the Demonstration Farm is checked frequently and most of the fields are above district average in fertility.

DEMONSTRATIONS

Variety Tests of Grain

The Farm assisted the Temiskaming Crop Improvement Association with four fertilizer and oat variety test plots planted in various sections of the district. There were no definite results due to adverse weather conditions.

Hay and Pasture Mixtures

The Farm is co-operating with the Field Department of the Ontario Agriculture College in testing improved strains of Alfalfa Red Clover, Timothy and pasture mixtures.

Curing of Hay

The tripod method of curing hay was again used on the Farm. As Northern Ontario has considerable wet haying weather this method is favored as hay can be cut and cured much earlier in the season.

Pasture

Aftermath meadows following early and late cut hay was used to bridge the pasture shortage on permanent pastures in late July and August.

The Value of Milk and Clover in Hog and Poultry Feeding

The pasturing of hogs on clover, supplemented by home grown grain in self-feeders, plus buttermilk, has proved quite satisfactory.

Poultry were ranged on clover and fed rolled home grown grain in self-feeding hoppers, plus buttermilk, bone meal and grit when 10 to 12 weeks old. These methods of raising poultry and hogs eliminate the purchase of expensive concentrates to a large extent.

Reinforcing Manures

Stable Phos. was again used behind the cattle. The manure was of a better texture in the piles and higher moisture content, plus the added phosphorous.

Ploughing

A system of permanent dead furrows has been adopted on the Farm. This makes possible the rounding of the lands and has been more satisfactory from a drainage standpoint than regular ploughing.

Potatoes

Six acres of sandy loam soil have been leased in the Kennabeek area to be used as a demonstration plot. The object of leasing this property is to demonstrate:

1. A satisfactory rotation for potatoes.
2. Improved potato cultural methods.
3. What can be accomplished with proper rotations on a sandy soil.
4. To make available a quantity of certified seed potatoes for distribution.

Straw Sheep Shed

A frame work 20 x 30 x 7 feet was made of poles and covered with some old woven wire and on this a straw stack was blown with the south end left open. Thirty-five sheep were wintered satisfactorily in this shed. The sheep were fed from a stack opposite the open end which helped to break the south wind. We feel that a 50 x 20 x 7 feet would be in better proportion as the added length affords the sheep more protection from wind. These quarters could be built by any farmer at practically no expense other than a little labor.

SUMMARY

Many of the farmers of Northern Ontario are realizing the value of proper farm management, soil fertility, improved varieties of grain and better live stock. More farmers are availing themselves of the services offered by the Demonstration Farm. There was an increased number of visitors seeking information and considerably more mail inquiries during the past year.

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Ontario Department of Agriculture

ANNUAL REPORT

OF THE

STATISTICS BRANCH
1941

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PART II.—CHATTEL MORTGAGES
PART III.—SUMMARY STATISTICS, 1882-1941

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Statistics Branch

PART I — AGRICULTURAL STATISTICS

The gross value of agricultural production in Ontario during the year 1941 is estimated at $460,935,000. This is an increase of practically $80,000,000 over the preceding year, and $213,000,000 greater than in 1932, the low point of the depression. Practically all items were higher in 1941 than in 1940. The largest gains were shown by field crops, which rose from $149,479,000 to $172,470,000, and farm animals which rose from $104,529,000 to $127,917,000. Dairy products increased from $64,602,000 to $77,109,000; fruit and vegetables from $21,888,000 to $30,140,000; and tobacco from $8,691,000 to $17,169,000.

For the whole of Canada the gross value of agricultural production in 1941 is estimated at $1,379,386,000 as against $1,265,112,000 in the preceding year, and $766,794,000 in 1932.

GROSS VALUE OF AGRICULTURAL PRODUCTION IN ONTARIO, BY ITEMS, 1933 TO 1941

("000" omitted)

	1933 $	1934 $	1935 $	1936 $	1937 $	1938 $	1939 $	1940 $	1941 $
Field Crops......	135,813	143,734	132,086	166,284	149,100	131,569	156,115	149,479	172,470
Farm Animals....	47,505	56,413	61,351	74,890	87,792	85,355	90,402	104,529	127,917
Wool............	395	342	417	533	593	376	517	753	812
Dairy Products....	45,334	47,452	50,168	54,122	55,491	58,288	57,094	64,602	77,109
Fruits, Vegetables.	16,209	15,832	17,292	18,053	18,507	20,926	21,365	21,888	30,140
Poultry and Eggs..	17,464	20,667	22,345	24,385	23,199	23,835	24,391	25,991	28,219
Fur Farming......	721	704	966	1,131	1,351	1,136	1,173	1,248	1,376
Maple Products...	720	1,040	1,161	1,161	879	853	751	837	693
Tobacco..........	6,206	6,337	10,226	8,505	15,965	19,058	17,742	8,691	17,169
Flax Fibre........	161	150	161	155	133	120	358	743	1,125
Clover, Grass Seed.	1,079	857	1,006	1,417	1,168	1,689	1,381	638	2,592
Honey and Wax...	1,106	1,309	1,115	1,062	753	1,190	960	943	1,313
TOTALS.......	272,713	294,837	298,294	351,698	354,931	344,395	372,249	380,342	460,935

GROSS VALUE OF AGRICULTURAL PRODUCTION IN CANADA, BY ITEMS, 1933 TO 1941

("000" omitted)

	1933 $	1934 $	1935 $	1936 $	1937 $	1938 $	1939 $	1940 $	1941 $
Field Crops.......	453,598	549,080	511,873	612,300	556,222	550,069	685,839	676,682	647,850
Farm Animals.....	103,748	136,322	158,436	184,121	227,091	197,600	218,385	268,679	335,945
Wool............	1,364	1,255	1,493	1,861	2,049	1,565	1,827	2,703	3,263
Dairy Products....	115,259	122,898	126,990	137,769	144,860	154,550	145,883	164,132	206,543
Fruits, Vegetables.	45,759	45,993	50,604	48,678	54,354	57,095	56,804	58,463	69,410
Poultry and Eggs..	42,044	49,709	55,394	57,931	56,980	58,933	60,829	67,135	76,428
Fur Farming......	4,062	4,534	5,516	6,532	6,802	6,476	5,793	6,143	6,363
Maple Products...	2,059	3,041	3,522	3,714	2,245	3,850	3,444	4,210	3,561
Tobacco..........	6,525	7,218	10,870	9,374	17,140	20,270	19,444	10,470	18,464
Flax Fibre........	161	250	321	298	332	519	1,249	1,727	3,118
Clover, Grass Seed.	1,362	2,010	1,818	2,154	2,344	2,996	2,827	2,184	5,165
Honey...........	2,257	2,575	2,338	2,823	2,164	3,057	2,616	2,584	3,276
TOTALS.......	778,198	924,885	929,175	1,067,555	1,072,583	1,056,980	1,204,940	1,265,112	1,379,386

PRODUCTION AND SHIPPING POINT VALUE OF FRUIT IN ONTARIO, AS COMPARED WITH 1940

	Year	Total Quantity	Average Value per Unit	Total Value
		Barrels	$ c.	$
Apples	1940	783,200	1.63	1,274,200
	1941	614,900	1.94	1,195,300
		Bushels		
Pears	1940	264,300	1.09	289,200
	1941	167,200	1.44	240,900
Plums and Prunes	1940	72,500	1.05	76,200
	1941	143,500	1.45	208,600
Peaches	1940	595,000	1.37	812,400
	1941	700,000	1.72	1,203,000
Cherries	1940	87,700	2.93	256,600
	1941	196,300	3.82	750,400
		Quarts		
Strawberries	1940	10,966,000	.065	711,200
	1941	6,118,000	.090	550,900
Raspberries	1940	5,864,700	.095	557,400
	1941	4,057,700	.165	668,600
		Tons		
Grapes	1940	24,950	40.00	923,700
	1941	22,500	53.00	1,189,300
Total Value	1940	....	....	4,900,900
	1941	....	....	6,007,000

PRODUCTION AND VALUE OF PRINCIPAL FARM CROPS, 1941

Field Crops	Acres	Bushels per acre	Production	Market Value	
				Total	Per acre
		bush.	bush.	$	$ c.
Fall wheat	565,500	26.6	15,042,000	14,139,000	25.00
Spring wheat	45,300	18.4	834,000	751,000	16.58
Oats	1,965,000	33.0	64,845,000	28,532,000	14.52
Barley	363,700	28.7	10,438,000	5,845,000	16.07
Peas	35,900	15.6	560,000	1,047,000	29.16
Beans	94,100	16.9	1,588,000	2,630,000	27.95
Rye	73,700	17.0	1,253,000	827,000	11.22
Buckwheat	116,300	20.0	2,326,000	1,349,000	11.60
Flax	11,800	9.6	113,000	175,000	14.83
Corn (shelled)	245,400	46.2	11,337,000	8,389,000	34.19
		cwt.	cwt.		
Potatoes	120,300	63.0	7,579,000	9,095,000	75.60
		bush.	bush.		
Mangels	19,600	406	7,958,000	1,114,000	56.84
Turnips	41,600	387	16,099,000	3,219,800	77.40
Mixed grains	1,176,500	33.1	38,942,000	19,860,000	16.88
		Tons	Tons		
Corn (for silo), green	295,000	10.00	2,950,000	9,145,000	31.00
Hay and clover	2,447,000	1.35	3,303,000	34,600,000	14.14
Alfalfa	751,000	2.10	1,577,000	17,079,000	22.74
Alsike	80,000	1.09	87,000	835,000	10.44
Sweet clover	210,000	1.76	370,000	2,353,000	11.20
Sugar beets	30,600	10.53	322,200	2,554,800	83.49
Totals 1941	8,688,300	....	....	163,539,600	18.82

The acreages devoted to other crops in 1941 were as follows:—Orchards, 177,000; strawberries, 8,800; vineyards, 14,300; other small fruits, 13,700; summer fallow, 179,500; pasture (cleared), 2,701,000.

Rape.—The estimate for 1941 was 18,800 acres of which 6,328 are in Wellington, 2,652 in Grey and 2,925 in Dufferin.

THE WEATHER

Temperature.—The following table gives the temperature of the Province for each month during the last five years, together with the mean annual temperatures for the six months, April–September, practically the growing season, together with the average for the five years, 1937–1941, and the sixty years, 1882–1941.

Months	1941	1940	1939	1938	1937	1937–1941	1882–1941
	°	°	°	°	°	°	°
January	17.2	13.5	18.7	16.2	25.0	18.1	18.2
February	18.7	19.0	19.0	22.2	23.5	20.5	17.8
March	23.2	22.3	24.7	32.1	24.6	25.4	27.4
April	47.2	38.5	37.9	43.6	41.0	41.6	41.3
May	56.1	52.9	55.4	53.3	54.6	54.5	53.6
June	66.2	61.8	63.9	63.5	63.5	63.8	63.4
July	70.5	67.9	67.8	69.5	68.7	68.9	68.4
August	64.0	66.2	68.9	70.3	70.1	67.9	66.0
September	61.1	57.7	59.2	56.1	57.6	58.3	59.4
October	48.8	45.4	47.7	49.5	44.7	47.2	47.4
November	38.3	34.0	33.2	37.4	35.8	35.7	35.3
December	27.2	25.1	27.1	25.0	20.9	25.1	23.6
Annual Mean	44.9	42.0	43.6	44.9	44.2	43.9	43.5
Mean for six months April–September	60.8	57.5	58.9	59.4	59.2	59.2	58.7

The mean temperature for 1941 was 44.9 or 2.9 above the preceding year, and 1.4 degree above the normal of the sixty years, 1882-1941.

The mean of the six months, April–September, was 60.8 or 3.3 degrees above the preceding year and 2.1 degrees above the sixty year normal.

Ten months were above normal and two below. April had the greatest departure above with 5.9 degrees, and March the greatest below with 4.2 degrees.

Sunshine.—In the following the averages of sunshine are derived from the records of the weather stations at Woodstock, Toronto, Lindsay and Ottawa.

Months	Sun. above horizon	1941	1940	1939	1938	1937	1937–1941	1882–1941
	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
January	285.7	86.5	95.3	62.5	76.8	78.2	79.9	76.4
February	291.4	116.5	114.0	84.7	93.9	98.6	101.5	103.0
March	369.9	179.0	126.8	137.2	129.8	141.6	142.9	140.5
April	406.4	229.0	167.8	137.7	171.2	151.3	171.4	177.6
May	461.1	240.0	167.0	237.9	224.6	211.5	216.2	217.5
June	465.7	262.5	217.0	243.6	240.7	258.9	244.5	249.1
July	470.9	269.5	292.5	308.0	247.4	280.7	279.6	270.7
August	434.5	247.8	233.5	287.5	271.7	236.5	255.4	241.4
September	376.3	199.7	172.5	173.1	172.1	189.6	181.4	182.6
October	340.2	110.3	148.7	135.7	183.1	95.4	134.7	139.5
November	286.9	82.0	62.2	118.1	110.4	80.8	90.7	78.1
December	274.3	65.0	62.5	65.9	60.7	69.5	64.7	61.7
For year	4463.3	2087.8	1859.8	1991.9	1982.4	1892.6	1962.9	1938.1
For six months April-September	2614.9	1448.5	1250.3	1387.8	1327.7	1328.5	1348.5	1338.9

The year 1941 had 2087.8 hours of sunshine or 149.7 hours higher than the average for sixty years. The six growing months, April–September, had 1448.5 hours or 100.0 hours above average. Ten months were above normal and two below. April had the greatest departure above with 51.4 hours and October the greatest below with 29.2 hours.

The rainfall for the six months, April–September, comprising what is regarded as the growing season for most crops, is given in the following table covering the last five years, 1937–1941, and the normal for the sixty years, 1882–1941.

Months	1941	1940	1939	1938	1937	1937–1941	1882–1941
	in.	in.	in.	in.	in.	in.	in.
April	1.57	1.87	1.89	1.99	3.52	2.17	1.90
May	2.04	4.09	1.89	2.53	2.61	2.63	2.67
June	2.24	3.46	2.76	2.60	2.88	2.79	2.81
July	3.57	2.54	3.14	3.56	3.10	3.16	28.7
August	3.48	3.27	3.16	3.40	2.97	3.26	2.67
September	3.00	2.72	2.77	3.55	3.09	3.03	2.81
Total for six months	15.90	17.95	15.51	17.63	18.17	17.04	15.73

The rainfall for the six months, April–September, was 15.90 or 2.05 inches less than the preceding year, and in comparison with the sixty years 0.17 inches above. Three months were above normal and three below. August with 0.81 above and May with 0.63 below had the greatest departures during the growing season.

PRECIPITATION.—The fall of both rain and snow for the five winter months including November, 1941, and March, 1942, is given in the following table for five years, 1882–1942. Ten inches of snow is equivalent to one inch of rain.

Months	1942	1941	1940	1939	1938	1938–1942	1882–1942
	in.	in.	in.	in.	in.	in.	in.
November, 1941:							
Rain	2.30	2.11	0.66	1.31	2.12	1.70	1.98
Snow	4.7	17.6	1.6	8.8	4.4	7.4	7.6
December, 1941;							
Rain	1.23	1.76	0.94	0.68	0.27	0.98	1.18
Snow	11.3	13.4	7.4	20.1	22.9	15.0	15.2
January, 1942:							
Rain	0.79	0.38	0.39	0.42	0.70	0.53	0.91
Snow	16.8	19.9	19.7	21.3	17.0	18.9	18.6
February, 1942:							
Rain	0.49	0.23	0.13	1.01	2.18	0.81	0.71
Snow	15.8	15.7	14.8	25.0	9.4	16.1	15.5
March, 1942:							
Rain	1.96	0.23	0.58	0.69	2.07	1.11	1.15
Snow	12.0	12.0	18.4	15.5	7.2	13.0	11.3
Five Months:							
Rain	6.77	4.71	2.70	4.11	7.34	5.14	4.93
Snow	60.6	78.6	6.19	9.07	6.09	7.04	68.2

The total amount of rainfall for the five months was 6.77 inches or 0.84 above the average for the sixty-one years, 1882-1942. The total amount of snowfall was 60.6 inches or 7.6 inches below normal.

TEMPERATURES, 1941

TABLE I.—Showing for each month the highest, lowest, mean daily range and mean temperature at the principal stations in Ontario for 1941; also the annual mean for each station.

Months	Southampton	Chatham	London	Woodstock	Vineland	Toronto	Lindsay	Beatrice	Ottawa	Montreal River
	°	°	°	°	°	°	°	°	°	°
January:										
Highest	37.0	46.0	40.0	39.0	45.0	40.0	36.5	33.0	37.0	31.0
Lowest	—6.0	5.0	—9.0	—6.0	7.0	—3.0	—17.9	—28.0	—20.0	—38.0
Daily Range	13.6	10.3	12.9	11.9	9.6	13.1	14.8	19.9	16.8	32.2
Monthly mean	19.7	26.6	21.6	21.6	26.1	22.7	13.1	12.2	8.6	—0.6
February:										
Highest	43.0	48.0	43.0	44.0	47.0	46.0	40.0	37.0	37.0	39.0
Lowest	—4.0	5.0	1.0	—2.0	2.0	5.0	—16.9	—18.0	—15.0	—28.0
Daily range	11.2	9.8	7.2	18.1	11.6	12.7	17.3	18.9	17.2	28.4
Monthly mean	20.4	24.7	18.9	20.6	25.1	24.1	15.6	15.7	14.1	7.6
March:										
Highest	44.0	56.0	54.0	55.0	52.0	44.0	42.7	42.0	41.0	45.0
Lowest	—4.0	8.0	5.0	4.0	4.0	0.0	—15.0	—16.0	—10.0	—10.0
Daily range	19.9	13.8	15.3	15.3	12.3	15.6	22.3	24.5	20.0	30.4
Monthly mean	21.3	29.7	25.9	26.3	28.8	26.7	19.4	18.9	20.1	14.5
April:										
Highest	74.0	84.0	84.0	83.0	82.0	82.0	77.1	72.0	83.0	80.0
Lowest	18.0	25.0	25.0	25.0	20.0	30.0	20.5	17.0	16.0	—2.0
Daily range	23.4	22.7	24.8	24.2	19.2	18.8	26.2	26.9	23.8	29.8
Monthly mean	44.9	51.0	49.4	49.6	48.5	50.5	47.1	45.1	47.2	38.7
May:										
Highest	80.0	90.0	89.0	86.0	90.0	90.0	86.0	81.0	89.0	85.0
Lowest	31.0	33.0	31.0	32.0	34.0	37.0	28.0	27.0	31.0	24.0
Daily range	19.0	21.6	24.7	22.1	21.6	20.5	25.1	27.3	24.9	32.4
Monthly mean	53.1	60.4	57.7	57.5	57.8	58.2	55.5	53.4	56.3	51.0
June:										
Highest	91.0	95.0	93.0	91.0	96.0	94.0	94.0	93.0	97.0	90.0
Lowest	34.0	45.0	41.0	41.0	42.0	45.0	36.0	31.0	43.0	30.0
Daily range	21.2	20.9	24.2	21.5	20.8	20.1	24.8	28.8	24.0	32.4
Monthly mean	63.5	69.0	66.7	67.0	68.0	68.6	66.6	64.3	67.8	60.2
July:										
Highest	90.0	97.0	98.0	96.0	98.0	95.0	95.1	93.0	94.0	92.0
Lowest	46.0	47.0	46.0	47.0	48.0	52.0	45.7	40.0	46.0	37.0
Daily range	19.5	20.7	23.4	22.8	23.6	19.0	23.5	28.5	11.4	26.6
Monthly mean	67.6	73.8	71.1	70.9	70.5	71.8	69.6	68.4	76.3	64.9
August:										
Highest	80.0	93.0	93.0	91.0	93.0	93.0	43.0	83.1	90.0	82.0
Lowest	42.0	46.0	38.0	39.0	44.0	47.0	38.0	33.0	40.0	34.0
Daily range	25.7	20.2	22.6	21.8	18.6	19.5	22.4	24.7	21.7	24.9
Monthly mean	60.6	69.4	61.2	65.5	69.3	67.8	63.5	60.1	64.2	58.4
September:										
Highest	87.0	90.0	90.0	86.0	91.0	84.0	82.9	83.0	87.0	85.0
Lowest	35.0	38.0	33.0	35.0	39.0	38.0	30.1	26.0	32.0	23.0
Daily range	20.0	21.7	23.2	21.2	20.4	19.8	20.5	23.7	23.7	25.2
Monthly mean	61.9	66.6	62.8	62.1	65.2	62.8	58.8	57.3	59.6	54.0
October:										
Highest	74.0	81.0	79.0	79.0	86.0	80.0	76.9	73.0	81.0	68.0
Lowest	30.0	30.0	28.0	28.0	31.0	32.0	23.5	19.0	19.0	15.0
Daily range	13.1	16.4	17.7	16.9	16.0	14.4	16.6	17.4	17.5	20.5
Monthly mean	50.2	55.0	51.0	50.5	53.2	51.5	46.8	45.5	45.9	41.2
November:										
Highest	66.0	65.0	64.0	64.0	69.0	66.0	64.5	64.0	66.0	62.0
Lowest	24.0	24.0	21.0	24.0	25.0	26.0	18.7	15.0	11.0	0.0
Daily range	11.8	12.5	14.3	12.6	11.7	12.0	12.7	14.9	12.8	15.6
Monthly mean	39.9	42.3	39.1	39.5	43.2	42.0	37.2	34.9	34.4	30.3
December:										
Highest	62.0	61.0	62.0	61.0	62.0	59.0	56.5	56.0	53.0	57.0
Lowest	0.0	14.0	7.0	6.0	10.0	7.0	—7.1	—15.0	—13.0	—22.0
Daily range	11.6	11.3	11.7	11.0	10.7	11.1	13.8	16.7	13.4	20.5
Monthly mean	29.0	34.4	31.2	30.5	33.5	32.0	24.0	21.3	20.0	15.7
The Year	44.3	50.2	46.4	46.8	49.1	48.2	43.1	41.4	42.9	36.3

AVERAGE TEMPERATURE FOR FIFTY-NINE YEARS

Table II.—Showing for each month the monthly average for the highest, lowest, mean daily range and mean temperature at the principal stations in Ontario, derived from the sixty years, 1882-1941; also the annual mean at each station for the same period.

Months	Southampton	Chatham	London	Woodstock	Vineland	Toronto	Lindsay	Beatrice	Ottawa	Montreal River
	°	°	°	°	°	°	°	°	°	°
January:										
Highest	44.1	46.7	45.7	45.4	49.4	45.5	41.5	40.6	40.7	38.1
Lowest	—6.9	—6.1	—8.6	—9.3	—3.5	—6.0	—19.1	—26.9	—20.9	—34.6
Daily range	14.2	12.4	14.7	15.0	14.0	14.1	17.9	20.1	17.7	25.2
Monthly mean	21.0	22.9	21.7	20.6	25.2	22.9	16.1	14.1	11.9	5.7
February:										
Highest	43.9	49.5	46.4	45.2	48.2	45.2	41.8	41.4	40.4	40.9
Lowest	—10.9	—6.2	—9.1	—9.2	—4.0	—5.8	—16.9	—25.5	—19.2	—34.6
Daily range	16.0	14.1	16.2	16.0	14.7	14.8	19.4	21.7	18.9	26.0
Monthly mean	19.1	22.4	20.9	19.8	23.6	22.0	15.9	13.7	13.0	8.1
March:										
Highest	54.5	60.6	59.7	57.4	59.8	56.8	52.7	50.8	49.8	51.2
Lowest	—2.1	3.1	0.9	0.9	6.5	4.8	6.3	—13.1	—7.9	—23.4
Daily range	16.2	15.3	17.1	16.1	14.6	14.4	18.4	20.6	17.4	26.0
Monthly mean	27.1	31.4	30.2	28.6	32.5	30.4	25.9	23.7	24.8	19.8
April:										
Highest	72.3	77.4	75.9	73.9	76.6	71.6	74.2	71.4	73.8	72.4
Lowest	16.3	20.0	18.9	18.3	21.4	21.6	14.5	11.2	15.6	3.9
Daily range	17.3	18.6	20.5	19.3	23.8	16.5	20.9	21.1	19.3	24.5
Monthly mean	40.0	44.4	43.1	42.1	41.6	42.9	41.2	38.9	41.2	37.1
May:										
Highest	79.8	84.4	83.6	81.2	84.6	81.3	83.3	81.1	83.6	84.5
Lowest	28.4	30.3	29.2	29.4	33.0	32.5	27.7	25.7	30.9	19.6
Daily range	19.3	21.6	23.0	21.6	20.4	19.4	24.2	23.8	21.9	27.4
Monthly mean	50.7	56.0	55.1	53.7	54.6	54.3	53.9	51.9	54.9	50.9
June:										
Highest	85.1	89.9	89.3	86.6	90.8	88.1	89.3	86.6	88.5	90.0
Lowest	37.4	39.6	38.2	38.8	41.5	42.5	38.1	35.2	41.1	32.6
Daily range	19.7	21.9	23.4	21.8	20.9	20.1	24.7	24.7	21.6	28.4
Monthly mean	60.3	65.7	64.8	63.5	65.1	64.4	63.6	61.6	64.6	60.8
July:										
Highest	87.9	94.0	93.0	90.1	93.2	92.0	92.1	89.6	91.3	92.1
Lowest	44.2	45.7	44.2	44.7	48.3	49.3	44.1	41.6	47.0	39.0
Daily range	19.8	22.3	23.5	22.2	21.0	20.2	24.7	24.0	20.9	28.7
Monthly mean	66.2	70.6	69.4	68.1	71.1	69.7	67.9	66.2	69.0	65.8
August:										
Highest	86.2	91.6	91.0	88.5	92.8	89.5	90.3	87.3	89.2	88.3
Lowest	42.2	44.3	41.2	42.1	46.3	47.2	40.7	37.5	43.9	35.8
Daily range	18.5	21.4	23.4	22.7	20.5	21.2	24.4	23.4	21.3	26.1
Monthly mean	64.7	68.5	67.1	65.6	69.0	66.9	65.7	63.8	66.4	61.9
September:										
Highest	84.4	88.7	87.4	85.0	89.2	85.8	85.5	82.9	85.1	83.5
Lowest	34.8	35.6	32.4	33.1	36.6	37.2	31.7	29.5	33.5	28.0
Daily range	18.2	20.1	22.3	21.1	19.7	18.5	22.6	21.8	20.6	24.2
Monthly mean	59.2	62.4	60.7	59.4	62.6	60.8	58.4	57.0	58.7	54.5
October:										
Highest	74.6	77.4	76.2	74.4	77.6	74.2	74.3	72.2	73.0	72.6
Lowest	25.8	27.0	24.2	24.4	26.8	27.5	21.5	20.0	23.8	17.0
Daily range	16.1	17.6	19.9	18.5	18.2	16.2	19.9	19.0	17.9	19.9
Monthly mean	48.1	50.6	48.5	47.4	50.7	49.0	46.2	45.3	46.1	42.5
November:										
Highest	61.7	64.0	62.4	61.8	65.7	61.2	59.8	58.7	59.3	55.8
Lowest	14.3	15.1	13.3	12.6	17.9	15.9	6.5	5.0	7.2	—2.3
Daily range	13.2	12.6	12.8	14.0	13.7	12.7	15.4	14.8	13.9	15.7
Monthly mean	36.9	38.3	36.1	35.9	39.6	37.9	33.9	32.8	32.9	28.6
December:										
Highest	48.8	50.3	51.7	48.7	52.9	49.0	45.6	44.4	43.3	42.8
Lowest	2.0	1.9	—1.5	—2.4	1.3	3.7	12.4	—16.1	—14.8	—25.6
Daily range	12.2	10.9	13.1	12.9	12.3	12.3	15.9	17.0	14.8	19.9
Monthly mean	26.6	27.6	26.5	25.3	29.3	27.7	21.3	20.1	18.0	13.5
The year	43.3	46.7	45.3	44.2	47.1	45.7	42.5	40.8	41.8	37.4

RAIN AND SNOW

TABLE III.—Summary of the total fall of rain and snow and the number of days on which rain and snow fell in Ontario during 1941, at stations reporting the whole year, and the average of the Province.

Stations	Rain		Snow	
	Inches	Days	Inches	Days
ALGOMA:				
Biscotasing	27.34	87	88.0	43
Franz	27.69	100	121.5	72
Kapuskasing	25.84	95	76.0	47
Steep Hill Falls	In	com	plete	
BRANT:				
Brantford	220.0	69	37.0	21
Paris	252.0	84	55.9	32
BRUCE:				
Southampton	214.7	95	111.9	59
Tobermory	272.2	55	63.0	22
Walkerton	250.1	79	85.0	28
CARLETON:				
Ottawa	222.8	94	79.9	45
DUNDAS:				
Morrisburg	260.1	99	69.5	43
Orono	24.35	85	98.1	45
ELGIN:				
St. Thomas	23.67	89	24.5	21
ESSEX:				
Harrow	24.95	108	29.4	31
Leamington	23.78	81	22.6	19
FRONTENAC:				
Kingston	26.17	98	68.6	41
GREY:				
Eugenia	In	com	plete	
HALTON:				
Georgetown	20.32	63	39.7	27
HASTINGS:				
Belleville	24.69	94	66.7	48
Queensboro				
Trenton	25.44	80	62.1	32
HURON:				
Brucefield	16.29	55	45.3	28
Lucknow	20.96	63	108.1	58
Ridgecrest	In	com	plete	
KENORA:				
Ignace	36.07	88	67.5	52
KENT:				
Chatham	21.49	86	44.2	20
LEEDS:				
Brockville	23.34	79	85.5	28
LINCOLN:				
St. Catharines	18.38	76	23.9	21
Vineland	18.66	88	35.6	31
MANITOULIN:				
Providence Bay	In	com	plete	
MIDDLESEX:				
London	22.23	110	49.9	56
Lucan	22.50	76	67.4	40
MUSKOKA:				
Beatrice	27.08	89	94.5	39
NIPISSING:				
Algonquin Park	16.64	68	87.2	57
Haileybury	28.10	111	71.7	70
Iroquois Falls	20.73	91	98.9	72
Madawaska	17.64	51	56.0	18
Montreal River	31.17	114	75.7	55
North Bay	25.47	113	61.9	59
Rutherglen	In	com	plete	
NORFOLK:				
Simcoe	23.82	76	53.7	26
NORTHUMBERLAND:				
Healey Falls	23.54	88	67.0	36
OXFORD:				
Woodstock	21.07	99	68.7	58
PARRY SOUND:				
Magnetawan	22.40	86	86.6	51
Parry Sound	28.31	113	76.2	70
PEEL:				
Alton	27.88	41	51.0	27
PERTH:				
Stratford	25.76	95	72.6	42
PETERBOROUGH:				
Apsley	28.95	107	84.6	43
Lakefield	In	com	plete	
Peterborough	25.41	95	65.4	39
PRINCE EDWARD:				
Bloomfield	In	com	plete	
RAINY RIVER:				
Emo	29.64	87	58.4	39
Fort Frances	33.07	73	49.3	33
Kenora	28.54	96	69.1	77
Mine Centre	26.16	77	46.5	39
Sioux Lookout	32.96	87	83.1	72
Atikokan	30.61	46	40.1	30
RENFREW:				
Clontarf	21.66	62	70.7	34
Pembroke	18.12	76	65.1	37
SIMCOE:				
Beeton	In	com	plete	
Orillia	27.76	90	66.3	34
Washago	30.58	100	72.9	36
SUDBURY:				
Chapleau	25.61	86	82.0	52
Coniston	26.42	83	55.7	38
Timmins	25.43	90	83.7	74
THUNDER BAY:				
Kakabeka Falls	33.75	83	59.1	31
Port Arthur	27.94	93	83.0	46
Savanne	30.80	80	51.2	37
Schrieber	30.81	84	86.5	35
VICTORIA:				
Fenelon Falls	24.57	76	51.3	37
Lindsay	28.48	98	71.9	49
WATERLOO:				
Kitchener	24.36	72	46.5	23
WELLAND:				
Welland	20.13	86	47.3	40
WELLINGTON:				
Guelph	23.08	77	53.1	29
YORK:				
Agincourt	21.46	91	41.6	34
Toronto	21.42	97	43.8	39
Average for the				
Province 1941	24.75	86	65.0	42
1940	24.96	88	89.5	48
1939	21.81	83	79.5	45
1882–1941	24.29	74	73.0	40

RAIN AND SNOW

TABLE IV.—Monthly summary of inches of rain and snow in precipitation in the several districts in Ontario in 1941. Also the average derived from the sixty years, 1882-1941.

Months	West and Southwest		North and Northwest		Centre		East and Northeast		The Province	
	Rain	Snow	Rain	Snow	Rain	Snow	Rain	Snow	Rain	Snow
1941	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
January	0.69	1.82	Trace	20.8	0.45	18.0	0.39	22.8	0.38	19.9
February	0.14	13.6	0.02	14.5	0.31	15.2	0.46	19.6	0.23	15.7
March	0.57	12.3	Trace	8.7	0.23	12.6	0.11	14.5	0.23	12.0
April	1.74	......	1.87	3.1	1.78	Trace	0.88	0.1	1.57	0.8
May	1.74	......	3.35	0.1	1.33	......	1.74	0.0	2.14	......
June	1.93	......	4.33	......	1.35	......	1.35	......	2.24	......
July	3.42	......	3.23	......	3.87	......	3.78	......	3.57	......
August	2.89	......	3.93	......	3.15	......	3.93	......	3.48	......
September	1.74	......	6.50	0.3	1.94	......	1.82	......	3.00	0.1
October	4.70	0.1	3.08	1.5	5.14	0.1	4.99	0.1	4.48	0.5
November	2.54	1.7	1.02	1.06	3.02	4.0	2.62	2.5	2.30	4.7
December	0.99	10.4	0.56	12.2	1.23	10.7	2.16	11.7	1.23	11.3
The year	23.09	56.3	27.89	71.8	23.80	60.6	24.23	71.3	24.75	65.0
1882–1941										
January	11.7	16.3	0.47	22.4	1.05	16.8	0.98	19.1	0.92	18.6
February	1.05	13.6	0.31	17.6	0.85	14.2	0.62	16.4	0.71	15.4
March	1.36	9.2	0.74	13.3	1.28	10.5	1.20	12.0	1.14	11.3
April	2.21	2.4	1.49	5.0	2.07	3.1	1.83	3.6	1.90	3.5
May	2.94	0.1	2.41	0.3	2.69	0.1	2.63	0.1	2.67	0.2
June	2.92	......	2.81	......	2.76	......	2.76	......	2.81	......
July	2.73	......	3.03	......	2.85	......	2.88	......	2.87	......
August	2.73	......	2.83	......	2.48	......	2.64	......	2.67	......
September	2.76	......	3.16	Trace	2.64	......	2.69	Trace	2.81	......
October	2.71	0.8	2.72	2.5	2.59	0.7	2.49	0.9	2.63	1.2
November	2.26	5.9	1.61	12.0	2.07	5.6	1.98	6.9	1.98	7.6
December	1.79	14.1	0.63	19.6	1.18	12.9	1.11	14.2	1.18	15.2
The year	26.63	62.4	22.21	92.7	24.51	63.9	23.81	73.2	24.29	7.30

SUNSHINE

TABLE V.—Monthly summary of bright sunshine at the principal stations in Ontario for 1941 showing the number of hours the sun was above the horizon, the hours of registered sunshine, the total for the year and average derived from the sixty years, 1882-1941.

Months	Sun above horizon	Woodstock	Toronto	Lindsay	Ottawa	Average of four stations		
						1941	1940	1882–1941
1941	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
January	285.7	54.0	87.0	99.0	106.0	86.5	95.3	....
February	291.4	99.0	112.0	115.0	140.0	116.5	114.0	....
March	369.9	158.0	180.0	197.0	181.0	179.0	126.8	....
April	406.4	235.0	232.0	223.0	226.0	229.0	167.8	....
May	461.1	246.0	217.0	230.0	267.0	240.0	167.0	....
June	465.7	252.0	270.0	248.0	280.0	262.5	217.0	....
July	470.9	274.0	261.0	255.0	288.0	269.5	292.5	....
August	434.5	261.0	260.0	224.0	246.0	247.8	233.5	....
September	376.3	200.0	214.0	189.0	196.0	199.7	172.5	....
October	340.2	110.0	106.0	106.0	119.0	110.3	148.7	....
November	286.9	97.0	84.0	71.0	76.0	82.0	62.2	....
December	274.3	51.0	57.0	68.0	84.0	65.0	62.5	....
For year	4,463.3	2,037.0	2,080.0	2,025.0	2,209.0	2,087.8	1,859.8	....
1882–1941								
January	....	66.2	77.3	72.3	89.8	....	....	76.4
February	....	93.6	106.8	98.3	113.1	....	....	103.0
March	....	126.1	148.6	138.5	148.8	....	....	140.5
April	....	167.9	184.4	171.1	187.1	....	....	177.6
May	....	218.4	227.0	204.8	219.7	....	....	217.5
June	....	257.1	263.6	229.5	246.3	....	....	249.1
July	....	281.6	288.1	247.3	266.0	....	....	270.7
August	....	240.0	255.3	223.4	246.7	....	....	241.4
September	....	178.2	203.5	173.8	175.1	....	....	182.6
October	....	146.3	152.1	126.7	133.1	....	....	139.5
November	....	77.6	83.9	69.6	81.4	....	....	78.1
December	....	55.8	65.4	57.5	68.1	....	....	61.7
For year	....	1,908.5	2,056.0	1,812.8	1,975.2	....	....	1,938.1

RURAL AREA ASSESSED

TABLE VI.—Showing by County Municipalities the rural area of Ontario as returned by Municipal Assessors for 1941 to the Department of Municipal Affairs.

Counties and Districts	Acres of Assessed Land	Acres Cleared	Per cent cleared
Brant	208,645	180,338	86.43
Elgin	433,083	364,670	84.20
Essex	416,436	380,690	91.42
Haldimand	281,479	244,945	87.02
Kent	568,390	507,914	89.36
Lambton	663,431	564,942	85.15
Lincoln	188,944	163,681	86.63
Middlesex	752,967	679,468	90.24
Norfolk	399,441	258,025	64.60
Oxford	470,022	410,525	87.34
Welland	219,416	181,984	82.94
Wentworth	265,102	207,390	78.23
Southern Ontario	**4,867,356**	**4,144,572**	**85.15**
Bruce	936,299	585,562	62.54
Dufferin	356,260	285,041	80.01
Grey	1,065,967	689,937	64.72
Halton	223,458	173,345	77.57
Huron	795,861	669,890	84.17
Peel	288,753	263,029	91.09
Perth	519,594	461,341	88.79
Simcoe	950,619	687,671	72.34
Waterloo	306,021	256,702	83.88
Wellington	626,613	520,943	83.14
Western Ontario	**6,069,445**	**4,593,461**	**75.68**
Durham	371,144	312,792	84.28
Haliburton	475,841	47,981	10.08
Hastings	1,059,720	394,057	37.19
Muskoka	564,582	79,786	14.13
Northumberland	436,881	351,293	80.41
Ontario	500,249	381,514	76.26
Parry Sound	590,580	96,923	16.41
Peterborough	588,209	260,809	44.34
Prince Edward	235,290	198,248	84.26
Victoria	595,148	304,514	51.17
York	526,553	444,287	84.38
Central Ontario	**5,944,197**	**2,872,204**	**48.32**
Carleton	553,831	377,809	68.22
Dundas	239,718	191,657	79.95
Frontenac	682,445	245,070	35.91
Glengarry	288,359	195,853	67.92
Grenville	272,899	184,923	67.76
Lanark	664,029	341,332	51.40
Leeds	493,947	262,202	53.08
Lennox and Addington	413,819	254,988	61.62
Prescott	280,817	221,002	78.70
Renfrew	1,086,052	399,447	36.78
Russell	251,931	172,962	65.65
Stormont	246,212	151,611	61.58
Eastern Ontario	**5,474,059**	**2,998,856**	**54.78**
Algoma	327,719	72,582	22.15
Cochrane	170,027	26,797	15.76
Kenora	101,232	14,034	13.86
Manitoulin	368,517	54,468	14.78
Nipissing	316,312	69,242	21.89
Rainy River	402,430	68,359	16.99
Sudbury	450,479	95,119	21.12
Thunder Bay	514,635	67,834	13.18
Timiskaming	295,708	86,481	29.25
Northern Ontario	**2,947,059**	**554,916**	**18.83**
The Province, 1941	**25,302,116**	**15,164,009**	**59.93**

FALL WHEAT AND SPRING WHEAT

TABLE VII.—Showing by County Municipalities of Ontario the area, produce and market value of Fall Wheat and Spring Wheat for the year 1941.

Counties and Districts	Fall Wheat				Spring Wheat			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				$				$
Brant	13,898	26.2	364,128	345,922	205	16.3	3,341	3,007
Elgin	14,524	26.5	384,886	361,701	123	17.9	2,202	1,960
Essex	30,526	27.1	827,255	766,342	227	19.2	4,358	3,878
Haldimand	16,126	24.8	399,925	381,150	207	18.5	3,830	3,370
Kent	58,001	27.3	1,582,670	1,471,883	1,125	18.3	20,587	18,322
Lambton	32,933	21.7	714,646	688,953	416	18.8	7,821	7,039
Lincoln	9,231	18.0	166,158	152,865	78	18.2	1,420	1,250
Middlesex	29,975	26.3	788,343	733,158	1,333	20.0	26,660	23,727
Norfolk	13,165	27.0	355,772	330,868	213	20.0	4,260	3,791
Oxford	18,777	27.9	523,511	436,865	162	20.1	3,256	2,898
Welland	11,841	16.3	193,008	177,567	65	15.0	975	848
Wentworth	13,619	24.6	335,027	328,326	105	20.0	2,100	1,953
Southern Ontario	**262,616**	**25.3**	**6,635,329**	**6,175,600**	**4,259**	**19.0**	**80,810**	**72,043**
Bruce	23,250	28.6	664,950	625,053	467	19.7	9,200	8,188
Dufferin	4,308	26.2	112,870	109,484	1,260	19.1	24,066	22,141
Grey	21,152	28.2	596,486	554,732	1,501	18.1	27,168	24,180
Halton	10,255	26.0	266,630	255,965	710	18.0	12,780	11,630
Huron	29,573	26.8	792,556	784,630	2,772	19.3	53,500	48,150
Peel	9,888	27.5	271,920	250,166	917	17.1	15,681	13,642
Perth	25,975	28.6	742,885	720,598	1,008	20.0	20,160	18,547
Simcoe	46,245	27.3	1,262,488	1,161,489	2,642	17.1	45,178	39,305
Waterloo	18,958	28.7	544,095	522,331	404	19.2	7,757	7,136
Wellington	10,874	28.6	310,996	289,226	1,420	19.0	26,980	24,012
Western Ontario	**200,478**	**27.8**	**5,565,876**	**5,273,674**	**13,101**	**18.5**	**242,470**	**216,931**
Durham	10,125	27.6	279,450	257,094	1,090	17.5	19,075	16,977
Haliburton	2	24.3	49	45	31	16.2	502	442
Hastings	6,170	25.0	154,250	140,367	744	15.4	11,458	10,083
Muskoka	41	24.1	988	889	54	15.6	842	732
Northumberland	13,745	25.3	347,748	330,361	776	16.2	12,571	11,565
Ontario	12,987	28.9	375,324	364,064	1,557	18.4	28,649	26,930
Parry Sound	44	23.8	1,047	984	244	16.3	3,977	3,619
Peterborough	10,909	26.6	290,179	275,670	284	19.5	5,538	5,095
Prince Edward	3,933	19.0	74,727	70,243	333	13.1	4,362	3,969
Victoria	9,657	29.7	286,813	263,868	670	18.0	12,060	10,733
York	27,955	31.0	866,605	840,606	1,331	20.6	27,418	25,773
Central Ontario	**95,568**	**28.0**	**2,677,180**	**2,544,191**	**7,114**	**17.8**	**126,452**	**115,918**
Carleton	186	27.4	5,096	4,535	1,921	21.1	40,612	39,363
Dundas	135	24.5	3,307	3,009	466	20.5	9,553	8,884
Frontenac	69	20.0	1,380	1,255	412	21.0	8,633	8,028
Glengarry	65	23.8	1,547	1,392	542	20.3	11,003	10,523
Grenville	42	23.1	970	963	164	16.3	2,673	2,439
Lanark	274	21.3	5,836	5,135	1,560	21.1	32,888	29,599
Leeds	183	21.0	3,843	3,420	320	20.8	6,656	6,057
Lennox & Addington	1,643	25.3	41,568	36,580	996	20.4	20,318	18,286
Prescott	56	23.2	1,299	1,169	488	17.9	8,735	8,123
Renfrew	579	26.5	15,344	13,503	5,759	18.2	104,705	94,234
Russell	14	21.0	294	255	298	18.5	5,513	4,906
Stormont	85	21.5	1,828	1,590	447	19.5	8,716	7,757
Eastern Ontario	**3,331**	**24.7**	**82,312**	**72,806**	**13,373**	**19.4**	**260,005**	**238,199**
Algoma	994	21.5	21,371	18,165	1,032	17.0	17,544	15,088
Cochrane	200	23.5	4,700	3,948	780	17.0	13,260	11,271
Kenora	19	22.5	428	364	898	16.1	14,458	12,434
Manitoulin	1,261	25.6	32,282	30,991	353	18.0	6,354	6,163
Nipissing	104	24.6	2,558	2,174	160	16.9	2,704	2,325
Rainy River	479	21.0	10,059	8,450	1,385	16.0	22,160	18,836
Sudbury	91	21.5	1,956	1,643	490	15.8	7,742	6,581
Thunder Bay	108	18.6	2,009	1,708	1,201	17.2	20,657	17,765
Timiskaming	270	22.0	5,940	5,286	1,114	17.4	19,384	17,446
Northern Ontario	**3,526**	**23.1**	**81,303**	**72,729**	**7,413**	**16.8**	**124,263**	**107,909**
The Province, 1941	**565,500**	**26.6**	**15,042,000**	**14,139,000**	**45,300**	**18.4**	**834,000**	**751,000**

OATS AND BARLEY

TABLE VIII.—Showing by County Municipalities of Ontario the area, produce and market value of Oats and Barley for the year 1941.

Counties and Districts	Oats				Barley			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				$				$
Brant	28,296	36.2	1,024,315	419,969	4,281	32.3	138,276	73,286
Elgin	41,857	39.3	1,644,980	723,191	3,149	32.7	102,972	54,575
Essex	59,519	42.0	2,499,798	899,919	7,600	33.2	252,320	138,776
Haldimand	36,678	33.8	1,239,716	508,283	4,657	26.0	121,082	64,173
Kent	63,744	42.3	2,696,371	1,025,512	16,823	33.1	556,841	321,838
Lambton	69,574	38.7	2,692,514	1,103,931	13,433	28.6	384,184	212,301
Lincoln	16,558	24.8	410,638	176,504	626	22.5	14,085	7,888
Middlesex	65,029	36.8	2,393,067	1,005,088	14,269	29.4	419,508	226,534
Norfolk	32,025	38.2	1,223,355	501,575	1,642	31.3	51,395	22,228
Oxford	37,323	39.0	1,455,597	616,906	6,602	34.8	229,750	124,465
Welland	18,931	21.0	397,551	186,849	882	18.0	15,876	8,424
Wentworth	26,857	37.8	1,015,194	446,680	3,375	30.4	102,600	58,482
Southern Ontario	**496,391**	**37.7**	**18,693,096**	**7,614,407**	**77,339**	**30.9**	**2,388,889**	**1,312,970**
Bruce	71,592	37.0	2,648,904	1,192,007	12,313	34.3	422,336	240,732
Dufferin	28,004	33.4	935,333	383,486	7,603	27.7	210,603	120,044
Grey	88,113	33.3	2,934,163	1,379,056	20,085	29.0	582,677	326,299
Halton	20,112	33.1	665,707	279,597	5,053	27.0	136,431	77,766
Huron	58,299	38.0	2,215,362	952,606	27,189	30.3	822,767	452,522
Peel	24,663	37.0	912,531	392,388	10,046	27.0	271,242	151,896
Perth	72,096	37.6	2,710,810	1,165,648	26,380	30.7	811,564	454,476
Simcoe	102,781	32.8	3,370,087	1,516,539	18,364	25.0	459,100	257,096
Waterloo	38,103	37.2	1,417,432	595,321	6,733	31.0	208,723	121,059
Wellington	53,975	36.0	1,943,100	816,102	11,149	29.1	324,436	178,440
Western Ontario	**557,738**	**35.4**	**19,753,429**	**8,672,750**	**144,915**	**29.3**	**4,249,879**	**2,380,330**
Durham	31,912	29.1	928,639	408,601	4,563	26.1	119,094	63,120
Haliburton	5,330	21.2	112,996	49,718	273	18.0	4,914	2,555
Hastings	70,819	25.1	1,777,557	782,125	6,476	25.3	164,843	93,960
Muskoka	8,091	23.0	186,093	91,186	324	20.0	6,480	3,758
Northumberland	51,951	26.4	1,371,506	658,323	4,265	24.3	103,640	61,148
Ontario	46,935	32.3	1,516,000	712,520	9,760	27.3	266,448	157,204
Parry Sound	16,499	25.2	415,775	191,256	1,247	26.8	33,420	18,047
Peterborough	41,480	26.2	1,086,776	478,181	3,504	21.8	76,387	41,249
Prince Edward	22,616	25.0	565,400	248,776	4,241	21.2	89,909	48,551
Victoria	42,638	28.1	1,198,128	539,157	9,458	24.8	234,558	133,698
York	53,967	36.7	1,980,589	851,653	16,461	31.1	511,937	291,804
Central Ontario	**392,238**	**28.4**	**11,139,459**	**5,011,496**	**60,572**	**26.6**	**1,611,630**	**915,094**
Carleton	62,015	32.0	1,984,480	912,861	9,242	32.8	303,138	163,694
Dundas	13,042	32.5	423,865	186,500	4,384	32.0	140,288	78,561
Frontenac	16,542	25.8	426,784	209,124	1,693	20.0	33,860	19,977
Glengarry	33,209	32.9	1,092,576	513,511	7,240	28.0	202,720	115,550
Grenville	18,461	27.4	505,831	242,799	1,311	20.0	26,220	14,683
Lanark	29,998	27.1	812,946	398,343	4,095	21.6	88,452	52,186
Leeds	37,138	27.7	1,028,722	514,361	2,421	22.1	53,504	31,567
Lennox & Addington	34,652	29.0	1,004,908	472,306	3,452	24.4	84,229	49,695
Prescott	50,731	31.3	1,587,880	730,425	7,632	27.7	211,406	120,501
Renfrew	65,154	29.6	1,928,558	974,279	8,536	26.8	228,765	134,971
Russell	36,205	32.4	1,173,042	539,599	4,432	26.3	116,562	64,109
Stormont	25,046	32.0	801,472	360,662	4,557	30.0	136,710	75,191
Eastern Ontario	**422,193**	**30.2**	**12,771,064**	**6,054,770**	**58,995**	**27.6**	**1,625,854**	**920,685**
Algoma	14,179	23.1	327,535	153,941	2,284	24.0	54,816	31,793
Cochrane	11,683	22.8	266,372	133,186	2,369	25.3	59,935	35,362
Kenora	3,544	20.6	73,006	35,043	1,774	23.6	41,866	24,282
Manitoulin	7,361	34.0	250,274	110,121	1,080	33.6	36,288	20,684
Nipissing	15,530	29.6	459,688	216,053	1,943	28.9	56,153	30,884
Rainy River	7,576	24.2	183,339	84,336	5,668	25.0	141,700	76,518
Sudbury	12,939	27.0	349,353	171,183	1,746	26.0	45,396	26,330
Thunder Bay	4,756	20.4	97,022	43,660	1,720	22.1	38,012	20,146
Timiskaming	18,877	25.5	481,363	231,054	3,268	26.8	87,582	49,922
Northern Ontario	**96,445**	**25.8**	**2,487,952**	**1,178,577**	**21,852**	**25.7**	**561,748**	**315,921**
The Province, 1941	**1,965,000**	**33.0**	**64,845,000**	**28,532,000**	**363,700**	**28.7**	**10,438,000**	**5,845,000**

PEAS AND BEANS

TABLE IX.—Showing by County Municipalities of Ontario the area, produce and market value of Peas and Beans for the year 1941.

Counties and Districts	Peas				Beans			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				$				$
Brant	150	14.6	2,190	3,789	325	16.0	5,200	8,548
Elgin	195	16.9	3,295	5,832	17,164	17.8	305,519	508,162
Essex	62	17.0	1,054	1,834	3,562	15.1	53,786	87,674
Haldimand	105	16.0	1,680	3,007	42	16.1	676	1,122
Kent	197	15.0	2,955	5,112	32,217	17.5	563,798	931,267
Lambton	437	14.7	6,424	10,921	5,092	16.4	83,950	144,358
Lincoln	2	14.0	28	50	46	13.7	630	1,065
Middlesex	533	15.0	7,995	13,991	11,135	16.2	180,046	301,677
Norfolk	14	14.2	199	350	184	17.0	3,128	5,555
Oxford	83	16.3	1,353	2,368	330	15.2	5,016	8,477
Welland	3	14.0	42	75	86	14.3	1,230	2,042
Wentworth	183	16.8	3,074	5,441	99	16.0	1,584	2,677
Southern Ontario	**1,964**	**15.4**	**30,289**	**52,770**	**70,282**	**17.0**	**1,204,563**	**2,002,624**
Bruce	1,809	16.9	30,552	52,772	110	16.2	1,782	2,940
Dufferin	927	17.1	15,852	27,375	1	16.0	16	27
Grey	2,099	17.9	37,655	65,402	197	15.6	3,073	5,009
Halton	12	16.0	192	346	19	17.1	325	530
Huron	628	15.1	9,483	16,828	18,798	16.2	303,868	492,266
Peel	204	16.0	3,264	5,875	93	17.6	1,637	2,619
Perth	943	16.7	15,748	27,031	1,155	19.3	22,292	35,890
Simcoe	2,523	16.2	40,872	71,161	104	16.8	1,747	2,917
Waterloo	172	16.4	2,821	5,078	81	17.2	1,393	2,285
Wellington	1,335	15.0	20,025	34,245	75	16.0	1,200	1,956
Western Ontario	**10,652**	**16.6**	**176,464**	**306,113**	**20,633**	**16.2**	**337,333**	**546,439**
Durham	2,119	14.3	30,302	52,938	310	14.0	4,340	7,552
Haliburton	39	12.0	468	819	4	12.3	49	88
Hastings	102	15.1	1,540	2,726	50	12.5	625	1,094
Muskoka	37	15.3	566	985	1	12.0	12	22
Northumberland	401	14.4	5,774	10,335	300	13.6	4,080	7,099
Ontario	385	15.3	5,891	10,427	96	16.1	1,546	2,706
Parry Sound	238	13.6	3,236	5,695	11	12.0	132	234
Peterborough	380	13.0	4,940	8,645	68	16.1	1,095	1,872
Prince Edward	268	14.5	3,886	6,917	206	15.8	3,255	5,664
Victoria	565	14.7	8,306	14,452	47	16.8	790	1,390
York	175	17.8	3,115	5,576	195	17.1	3,335	5,770
Central Ontario	**4,709**	**14.4**	**68,024**	**119,515**	**1,288**	**15.0**	**19,259**	**33,491**
Carleton	1,511	17.8	26,896	51,826	150	16.4	2,460	4,354
Dundas	15	15.8	237	514	31	14.0	434	777
Frontenac	8	15.0	120	262	26	13.4	348	616
Glengarry	41	14.5	595	1,273	83	12.2	1,013	1,803
Grenville	40	16.8	672	1,452	777	12.6	9,790	17,230
Lanark	821	17.7	14,532	29,389	30	13.4	402	699
Leeds	82	15.9	1,304	2,804	38	13.0	494	865
Lennox & Addington	163	14.0	2,282	4,952	97	15.0	1,455	2,590
Prescott	695	15.5	10,773	21,240	127	17.8	2,261	4,002
Renfrew	12,179	14.9	181,467	370,525	222	16.8	3,730	6,490
Russell	243	15.7	3,815	8,240	136	16.9	2,298	4,090
Stormont	61	16.1	982	2,082	45	16.8	756	1,361
Eastern Ontario	**15,859**	**15.4**	**243,675**	**494,559**	**1,762**	**14.4**	**25,441**	**44,877**
Algoma	589	15.6	9,188	16,998	7	14.0	98	181
Cochrane	474	14.3	6,778	11,997	3	12.0	36	66
Kenora	56	13.0	728	1,296	....	....	....	....
Manitoulin	238	15.7	3,737	6,652	3	16.0	48	88
Nipissing	242	16.8	4,066	7,197	24	15.0	360	658
Rainy River	59	14.1	832	1,489	32	14.0	448	815
Sudbury	422	14.2	5,992	10,546	10	15.0	150	274
Thunder Bay	182	16.6	3,021	5,257	4	14.0	56	101
Timiskaming	471	15.3	7,206	12,611	16	13.0	208	386
Northern Ontario	**2,733**	**15.2**	**41,548**	**74,043**	**99**	**14.2**	**1,404**	**2,569**
The Province, 1941	**35,900**	**15.6**	**560,000**	**1,047,000**	**94,100**	**16.9**	**1,588,000**	**2,630,000**

RYE AND BUCKWHEAT

TABLE X.—Showing by County Municipalities of Ontario the area, produce and market value of Rye and Buckwheat for the year 1941.

Counties and Districts	Rye				Buckwheat			
	Acres	Per acre	Bushels	Market value $	Acres	Per acre	Bushels	Market value $
Brant	3,510	16.0	56,160	36,504	2,904	19.0	55,176	32,002
Elgin	3,202	17.7	56,675	36,272	3,629	19.7	71,491	40,750
Essex	772	17.0	13,124	8,662	543	23.0	12,489	7,368
Haldimand	96	18.6	1,786	1,125	1,407	21.6	30,391	17,552
Kent	1,087	17.0	18,479	12,011	2,041	18.7	38,166	20,991
Lambton	544	18.3	9,955	6,471	870	23.3	20,271	11,554
Lincoln	129	18.4	2,374	1,519	48	17.8	854	504
Middlesex	933	18.3	17,074	10,756	4,216	16.6	69,986	39,192
Norfolk	13,194	18.6	245,649	159,789	3,137	20.8	65,250	37,193
Oxford	4,106	16.0	65,696	42,702	3,894	18.8	73,207	42,460
Welland	259	16.3	4,222	2,618	516	19.0	9,804	5,490
Wentworth	239	17.0	4,063	2,560	993	16.0	15,888	9,215
Southern Ontario	**28,071**	**17.6**	**495,257**	**320,989**	**24,198**	**19.1**	**462,973**	**264,271**
Bruce	220	18.5	4,070	2,646	2,602	23.1	60,106	34,861
Dufferin	1,268	17.8	22,570	14,444	2,047	23.6	48,309	26,570
Grey	321	17.3	5,553	3,665	2,834	18.2	51,579	27,853
Halton	318	19.0	6,042	4,048	334	22.0	7,348	4,114
Huron	178	18.0	3,204	1,966	6,671	20.8	138,757	80,479
Peel	502	17.7	8,885	5,864	777	19.0	14,763	8,710
Perth	745	18.6	13,857	9,007	4,752	22.6	107,395	62,289
Simcoe	4,672	19.0	88,768	57,699	7,035	26.0	182,910	95,895
Waterloo	650	19.6	12,740	8,663	1,019	26.0	26,494	15,366
Wellington	629	18.6	11,699	7,838	5,847	14.5	84,782	48,326
Western Ontario	**9,503**	**18.7**	**177,388**	**115,840**	**33,918**	**21.3**	**722,443**	**404,463**
Durham	5,166	15.5	80,073	52,848	3,405	19.0	64,695	38,170
Haliburton	474	16.0	7,584	5,233	140	15.0	2,100	1,260
Hastings	3,454	17.0	58,718	38,754	2,468	22.1	54,424	32,110
Muskoka	63	16.0	1,008	696	92	17.0	1,564	938
Northumberland	7,243	16.1	116,612	78,130	6,230	19.9	124,009	71,925
Ontario	4,250	16.3	69,275	47,107	4,975	22.3	110,992	64,375
Parry Sound	108	15.0	1,134	782	219	16.5	3,624	2,066
Peterborough	1,221	15.2	18,559	12,620	1,342	20.0	26,840	14,762
Prince Edward	4,273	16.0	68,368	46,490	2,284	19.1	43,624	24,866
Victoria	1,612	15.1	24,341	16,308	3,217	19.2	61,725	35,801
York	2,016	16.0	32,256	21,934	3,964	20.3	80,280	48,168
Central Ontario	**29,880**	**16.0**	**477,928**	**320,902**	**28,336**	**20.3**	**573,877**	**334,441**
Carleton	230	16.3	3,749	2,587	3,997	19.0	75,943	47,084
Dundas	149	17.0	2,533	1,697	1,868	20.2	37,734	24,150
Frontenac	181	17.0	3,077	2,154	290	19.0	5,510	3,306
Glengarry	238	16.3	3,879	2,638	1,852	17.0	31,484	19,520
Grenville	95	17.0	1,615	1,066	3,785	18.0	68,130	39,515
Lanark	221	16.4	3,624	2,428	3,230	18.3	59,109	36,648
Leeds	127	16.3	2,070	1,428	2,244	21.4	48,022	28,333
Lennox & Addington	726	16.1	11,688	7,831	2,100	21.0	44,100	26,901
Prescott	250	17.0	4,250	2,975	1,267	20.0	25,340	16,218
Renfrew	3,056	16.4	50,118	34,080	4,394	18.6	81,728	49,036
Russell	141	16.3	2,298	1,608	1,388	19.0	26,372	16,614
Stormont	107	15.6	1,669	1,168	1,592	19.3	30,726	19,050
Eastern Ontario	**5,521**	**16.4**	**90,570**	**61,660**	**28,007**	**19.1**	**534,198**	**326,375**
Algoma	118	16.2	1,912	1,243	178	17.6	3,133	1,880
Cochrane	74	15.4	1,140	741	19	17.0	323	197
Kenora	11	14.7	162	104	12	18.0	216	136
Manitoulin	75	16.8	1,260	794	380	18.2	6,916	4,080
Nipissing	42	17.1	718	452	384	17.0	6,528	3,916
Rainy River	7	16.0	112	73	119	19.0	2,269	1,384
Sudbury	222	16.3	3,618	2,316	467	16.0	7,472	4,483
Thunder Bay	48	16.7	802	521	96	18.0	1,728	1,020
Timiskaming	135	15.8	2,133	1,365	218	18.0	3,924	2,354
Northern Ontario	**732**	**16.2**	**11,857**	**7,609**	**1,873**	**17.4**	**32,509**	**19,450**
The Province, 1941	**73,700**	**17.0**	**1,253,000**	**827,000**	**116,300**	**20.0**	**2,326,000**	**1,349,000**

FLAX AND MIXED GRAINS

TABLE XI.—Showing by County Municipalities of Ontario the area, produce and market value of Flax and Mixed Grains for the year 1941.

Counties and Districts	Flax				Mixed Grains			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				$				$
Brant	36	9.0	324	502	19,340	39.4	761,996	365,758
Elgin	119	8.8	1,047	1,633	21,363	38.1	813,930	390,686
Essex	262	8.9	2,332	3,591	1,614	40.0	64,560	30,989
Haldimand	37	8.1	300	471	11,500	32.0	368,000	176,640
Kent	229	9.0	2,061	3,215	14,743	41.0	604,463	296,187
Lambton	359	8.7	3,123	4,841	21,250	34.4	731,000	372,810
Lincoln	16	8.6	138	216	2,047	26.6	54,450	28,859
Middlesex	95	8.6	817	1,283	42,768	36.0	1,539,648	723,635
Norfolk	52	8.0	416	657	5,703	35.0	199,605	95,810
Oxford	133	8.0	1,064	1,649	74,326	37.0	2,750,062	1,320,030
Welland	6	7.6	46	72	1,548	17.0	26,316	13,158
Wentworth	51	8.3	423	651	21,744	35.0	761,040	380,520
Southern Ontario	**1,395**	**8.7**	**12,091**	**18,781**	**237,946**	**36.5**	**8,675,070**	**4,195,082**
Bruce	644	10.5	6,762	10,481	53,808	35.0	1,883,210	1,035,766
Dufferin	52	8.0	416	649	45,065	29.7	1,338,431	669,216
Grey	246	8.1	1,993	3,069	66,236	31.8	2,109,164	1,117,857
Halton	211	8.7	1,836	2,883	15,281	35.3	539,419	291,286
Huron	1,090	9.9	10,791	16,726	79,601	35.0	2,786,035	1,393,018
Peel	28	8.5	238	374	23,574	36.0	848,664	424,332
Perth	383	8.0	3,064	4,780	120,531	34.2	4,118,580	2,088,744
Simcoe	146	8.3	1,212	1,903	46,378	29.4	1,363,513	681,757
Waterloo	57	8.0	456	711	50,495	34.9	1,760,325	915,369
Wellington	427	8.6	3,672	5,654	99,470	33.0	3,282,010	1,641,005
Western Ontario	**3,284**	**9.3**	**30,440**	**47,230**	**600,439**	**33.4**	**20,029,351**	**10,258,350**
Durham	14	8.1	113	177	33,285	27.6	918,666	477,706
Haliburton	15	8.3	125	198	125	20.0	2,500	1,250
Hastings	166	8.0	1,328	2,058	9,591	28.0	268,548	142,330
Muskoka	3	7.3	22	35	498	22.0	10,956	6,135
Northumberland	126	8.3	1,046	1,632	15,374	26.0	399,724	223,845
Ontario	159	8.4	1,336	2,084	49,850	33.0	1,645,050	904,778
Parry Sound	5	7.3	37	58	1,161	28.6	33,205	17,267
Peterborough	36	8.0	288	452	5,155	28.0	144,340	79,387
Prince Edward	28	8.0	224	354	7,056	26.0	183,456	100,901
Victoria	145	8.1	1,174	1,867	25,400	31.7	805,180	418,694
York	33	8.8	290	458	48,600	35.2	1,710,720	855,360
Central Ontario	**730**	**8.2**	**5,983**	**9,373**	**196,095**	**31.2**	**6,122,345**	**3,227,653**
Carleton	86	9.6	826	1,280	21,791	31.8	692,954	360,336
Dundas	64	8.7	557	858	27,596	30.0	827,880	438,776
Frontenac	39	8.7	339	525	4,727	27.3	129,047	70,976
Glengarry	1,110	10.4	11,600	17,748	3,752	28.5	106,932	58,813
Grenville	15	9.0	135	208	7,144	25.7	183,601	95,473
Lanark	108	8.1	875	1,338	11,940	25.3	302,082	166,145
Leeds	32	8.5	272	413	6,666	26.0	173,316	95,324
Lennox & Addington	134	8.8	1,179	1,816	14,056	27.7	389,351	198,569
Prescott	602	9.8	5,900	9,204	3,582	25.0	89,550	47,462
Renfrew	213	9.0	1,917	2,952	3,678	27.8	102,248	56,236
Russell	1,027	9.8	10,051	15,144	6,797	29.0	197,113	102,499
Stormont	58	8.6	499	778	12,405	32.0	396,960	202,450
Eastern Ontario	**3,488**	**9.8**	**34,150**	**52,264**	**124,134**	**28.9**	**3,591,034**	**1,893,059**
Algoma	28	7.5	210	332	3,144	29.0	91,176	50,147
Cochrane	45	6.8	306	480	1,112	25.4	28,245	15,817
Kenora	36	7.0	252	403	769	23.2	17,841	9,991
Manitoulin	15	8.8	132	208	3,599	34.0	122,366	67,301
Nipissing	8	8.8	70	110	1,033	32.0	33,056	17,520
Rainy River	2,656	10.7	28,524	44,497	448	20.0	8,960	4,749
Sudbury	51	7.1	362	561	1,170	25.5	29,835	16,409
Thunder Bay	27	7.1	192	303	843	17.5	14,753	7,819
Timiskaming	39	7.4	288	458	5,797	30.7	177,968	96,103
Northern Ontario	**2,905**	**10.4**	**30,336**	**47,352**	**17,915**	**29.3**	**524,200**	**285,856**
The Province, 1941	**11,800**	**9.6**	**113,000**	**175,000**	**1,176,500**	**33.1**	**38,942,000**	**19,860,000**

CORN

Table XII.—Showing by County Municipalities of Ontario the area, produce and market value of Corn for husking and for fodder for the year 1941.

Counties and Districts	Corn for Husking				Corn for Silo			
	Acres	Per acre	Bushels (shelled)	Market value	Acres	Per acre	Tons (green)	Market value
				$				$
Brant	1,278	46.7	59,683	45,359	7,342	9.61	70,556	211,668
Elgin	8,978	46.5	417,477	313,108	16,699	9.30	155,320	450,488
Essex	105,344	46.9	4,940,634	3,651,294	1,866	8.81	16,439	41,098
Haldimand	950	42.5	40,375	31,088	2,187	8.92	19,508	60,475
Kent	94,165	46.0	4,335,829	3,203,513	10,994	9.16	100,705	281,904
Lambton	17,818	47.0	837,446	611,336	16,299	8.18	133,326	386,645
Lincoln	613	40.1	24,581	18,927	2,803	8.80	24,666	73,998
Middlesex	4,329	46.7	202,164	153,645	25,386	8.68	220,403	685,249
Norfolk	5,431	43.2	234,619	175,964	5,638	9.17	51,700	168,025
Oxford	831	46.3	38,475	29,626	20,128	9.00	181,184	498,956
Welland	1,513	30.8	46,600	34,950	2,726	6.33	17,256	50,045
Wentworth	230	48.0	11,040	8,280	5,522	9.20	50,802	142,246
Southern Ontario	**241,480**	**46.3**	**11,188,923**	**8,277,090**	**117,590**	**8.86**	**1,041,875**	**3,050,797**
Bruce	78	42.0	3,276	2,457	3,668	9.50	34,846	95,826
Dufferin	95	39.3	3,734	2,763	674	10.76	7,252	23,569
Grey	51	38.8	1,979	1,504	5,063	11.14	56,402	146,645
Halton	62	37.7	2,337	1,776	3,314	10.40	34,466	110,291
Huron	185	40.0	7,400	5,476	6,417	9.56	61,346	162,567
Peel	18	38.3	689	516	3,259	10.93	35,621	112,206
Perth	95	33.0	3,135	2,383	17,375	10.65	185,044	527,375
Simcoe	125	39.2	4,900	3,626	4,979	10.90	54,271	162,813
Waterloo	64	40.0	2,560	1,946	9,020	11.15	100,573	276,576
Wellington	40	39.8	1,592	1,178	5,234	10.24	53,596	155,428
Western Ontario	**813**	**38.9**	**31,602**	**23,625**	**59,003**	**10.56**	**623,417**	**1,773,296**
Durham	35	40.0	1,400	1,232	5,264	11.33	59,641	172,959
Haliburton	18	30.1	542	412	271	9.46	2,564	8,205
Hastings	382	36.0	13,752	10,314	5,849	9.13	53,401	176,223
Muskoka	22	34.1	750	577	388	9.75	3,783	11,349
Northumberland	283	41.1	11,631	8,956	5,188	12.03	62,412	171,633
Ontario	111	42.8	4,750	3,657	8,022	12.35	99,072	317,030
Parry Sound	62	34.8	2,157	1,466	394	9.23	3,637	11,820
Peterborough	40	34.0	1,360	1,020	3,448	12.50	43,100	135,765
Prince Edward	491	38.2	18,756	13,879	2,417	12.50	30,213	101,214
Victoria	10	34.3	343	264	3,441	9.34	32,139	104,452
York	53	43.4	2,300	1,771	7,253	11.65	84,497	253,491
Central Ontario	**1,507**	**38.3**	**57,741**	**43,548**	**41,935**	**11.31**	**474,459**	**1,464,141**
Carleton	56	37.8	2,116	1,650	10,684	9.62	102,780	349,452
Dundas	139	40.4	5,616	4,268	12,501	11.85	148,137	481,445
Frontenac	239	40.1	9,584	7,092	3,777	10.80	40,792	148,891
Glengarry	21	38.0	798	598	3,804	9.65	36,708	137,655
Grenville	2	38.0	76	58	4,866	10.25	49,877	184,545
Lanark	152	35.4	5,381	4,197	6,049	11.48	69,443	249,995
Leeds	245	36.6	8,967	6,904	11,105	11.02	122,377	428,320
Lennox & Addington	163	38.1	6,210	4,844	2,928	9.20	26,938	99,671
Prescott	151	39.8	6,010	4,447	4,794	9.63	46,166	177,739
Renfrew	157	37.6	5,903	4,427	2,938	10.30	30,261	114,992
Russell	49	37.1	1,818	1,400	6,848	10.40	71,219	249,266
Stormont	32	39.2	1,254	991	5,242	10.75	56,352	205,685
Eastern Ontario	**1,406**	**38.2**	**53,733**	**40,876**	**75,536**	**10.60**	**801,050**	**2,827,656**
Algoma	13	31.3	407	317	248	7.40	1,835	5,964
Cochrane	11	28.0	308	243	14	7.90	111	372
Kenora	3	24.0	72	58	25	6.95	174	592
Manitoulin	21	34.6	727	560	405	11.33	4,588	13,764
Nipissing	18	32.5	585	450	166	7.60	1,262	4,291
Rainy River	56	31.0	1,736	1,336	44	8.00	352	1,232
Sudbury	21	31.1	653	509	76	10.00	760	2,508
Thunder Bay	16	28.3	453	340	6	6.90	41	144
Timiskaming	2	29.8	60	48	9	8.40	76	243
Northern Ontario	**161**	**31.1**	**5,001**	**3,861**	**993**	**9.26**	**9,199**	**29,110**
The Province, 1941	**245,400**	**46.2**	**11,337,000**	**8,389,000**	**295,000**	**10.00**	**2,950,000**	**9,145,000**

POTATOES AND TURNIPS

TABLE XIII.—Showing by County Municipalities of Ontario the area, produce and market value of Potatoes and Turnips for the year 1941.

Counties and Districts	Potatoes				Turnips			
	Acres	Per acre	Hundred Weight	Market value	Acres	Per acre	Bushels	Market value
				$				$
Brant	2,065	67.5	139,388	157,508	702	380	266,760	53,352
Elgin	1,761	63.0	110,943	136,460	39	387	15,093	3,018
Essex	4,628	79.2	366,520	421,440	24	394	9,456	1,891
Haldimand	505	44.4	22,422	25,785	6	390	2,340	468
Kent	2,541	71.4	181,485	214,782	18	389	7,002	1,400
Lambton	2,252	39.0	87,828	108,907	68	392	26,656	5,331
Lincoln	549	84.0	46,116	54,417	5	389	1,945	389
Middlesex	4,506	66.1	297,847	336,267	984	387	380,808	76,162
Norfolk	1,851	59.0	109,209	137,432	90	391	35,190	7,038
Oxford	1,526	55.2	84,235	111,090	2,986	380	1,133,638	226,728
Welland	877	35.0	30,695	46,349	20	388	7,760	1,552
Wentworth	4,130	57.7	238,301	285,901	600	392	235,200	47,040
Southern Ontario	**27,191**	**63.1**	**1,714,989**	**2,036,338**	**5,542**	**383**	**2,121,848**	**424,369**
Bruce	2,248	89.0	200,117	248,145	2,713	400	1,086,052	217,210
Dufferin	2,841	71.7	203,701	240,367	831	400	332,400	66,480
Grey	3,208	48.4	155,267	195,636	1,889	402	758,823	151,765
Halton	1,359	50.3	68,358	85,448	475	409	194,275	38,855
Huron	1,853	78.3	145,090	172,657	2,585	400	1,034,340	206,868
Peel	2,965	56.0	166,040	187,625	318	403	128,200	25,640
Perth	1,805	56.3	101,622	115,849	2,432	403	979,824	195,965
Simcoe	7,242	66.2	479,390	584,856	2,952	404	1,191,464	238,293
Waterloo	2,722	76.2	207,416	244,751	2,985	398	1,186,985	237,397
Wellington	4,493	58.0	260,594	302,289	3,859	39	1,533,600	306,720
Western Ontario	**30,736**	**64.7**	**1,987,595**	**2,377,623**	**21,039**	**400**	**8,425,963**	**1,685,193**
Durham	2,218	77.9	172,876	195,350	729	387	282,123	56,425
Haliburton	334	56.1	18,737	24,358	43	385	16,555	3,311
Hastings	3,124	68.2	213,057	245,016	393	383	150,519	30,104
Muskoka	542	81.4	44,119	60,443	187	385	71,995	14,399
Northumberland	2,728	62.9	171,701	204,324	966	384	370,944	74,189
Ontario	3,897	64.3	250,577	295,681	3,397	380	1,290,860	258,172
Parry Sound	1,181	61.1	72,159	85,869	296	382	113,072	22,614
Peterborough	1,589	58.8	93,433	120,528	744	385	386,440	77,288
Prince Edward	1,026	38.1	39,091	56,609	23	383	8,809	1,762
Victoria	1,283	48.8	62,610	72,628	1,638	380	622,440	124,488
York	4,673	61.6	287,856	333,913	3,228	380	1,226,096	245,219
Central Ontario	**22,595**	**63.1**	**1,426,216**	**1,694,719**	**11,644**	**390**	**4,539,853**	**907,971**
Carleton	4,665	53.7	250,511	320,654	474	297	140,778	28,156
Dundas	898	56.5	50,737	59,870	21	295	6,195	1,239
Frontenac	1,413	50.8	71,780	93,314	49	298	14,602	2,920
Glengarry	1,206	41.8	50,411	59,989	63	294	18,522	3,704
Grenville	1,276	46.5	59,334	71,794	60	298	17,880	3,576
Lanark	1,563	60.1	93,936	110,868	179	296	52,984	10,597
Leeds	1,858	50.3	93,457	110,279	209	299	62,491	12,498
Lennox & Addington	2,000	50.1	100,200	125,250	46	294	13,524	2,705
Prescott	1,673	56.6	94,692	109,843	53	293	15,529	3,106
Renfrew	3,042	63.0	191,646	231,892	77	295	22,715	4,543
Russell	5,277	46.0	242,742	291,290	240	297	71,280	14,256
Stormont	1,060	45.8	48,548	63,112	34	298	10,132	2,026
Eastern Ontario	**25,931**	**52.0**	**1,347,994**	**1,648,155**	**1,505**	**297**	**446,632**	**89,326**
Algoma	1,233	99.1	122,190	149,072	309	295	91,155	18,231
Cochrane	2,442	99.8	243,712	304,640	209	293	61,237	12,247
Kenora	583	65.0	37,895	45,095	35	291	10,185	2,037
Manitoulin	488	81.0	39,528	47,434	121	294	35,574	7,115
Nipissing	1,622	71.3	115,648	142,247	344	296	101,824	20,365
Rainy River	615	53.0	32,595	38,462	147	298	43,806	8,761
Sudbury	3,005	94.1	282,771	336,497	230	297	68,310	13,662
Thunder Bay	2,724	60.2	163,985	196,782	321	295	94,695	18,939
Timiskaming	1,183	54.0	63,882	77,936	197	294	57,918	11,584
Northern Ontario	**13,895**	**79.3**	**1,102,206**	**1,338,165**	**1,913**	**295**	**564,704**	**112,941**
The Province, 1941	**120,300**	**63.0**	**7,579,000**	**9,095,000**	**41,600**	**387**	**16,099,000**	**3,219,800**

ALSIKE AND SWEET CLOVER

TABLE XIV.—Showing by County Municipalities of Ontario the area, produce and market value of Alsike and Sweet Clover for the year 1941.

Counties and Districts	Alsike				Sweet Clover			
	Acres	Per acre	Tons	Market value	Acres	Per acre	Tons	Market value
				$				$
Brant	611	1.11	678	5,763	2,652	2.13	5,648	31,064
Elgin	1,668	.96	1,601	13,448	5,225	1.88	9,823	54,027
Essex	1,602	1.10	1,762	14,977	8,661	2.10	18,188	110,947
Haldimand	3,010	1.19	3,582	34,745	2,689	2.05	5,512	30,316
Kent	1,765	1.25	2,206	17,648	6,501	2.12	13,783	75,801
Lambton	2,788	1.16	3,234	25,872	6,110	1.80	11,008	60,544
Lincoln	1,247	1.04	1,297	12,970	1,309	1.75	2,291	16,953
Middlesex	2,814	1.02	2,870	23,534	6,003	1.68	10,085	61,519
Norfolk	1,067	1.05	1,120	9,520	4,009	1.90	7,617	46,464
Oxford	623	1.20	747	6,798	4,219	2.15	9,070	45,350
Welland	724	.80	579	5,790	1,831	1.50	2,746	17,574
Wentworth	931	1.10	1,024	11,776	2,339	1.93	4,514	28,890
Southern Ontario	**18,850**	**1.10**	**20,700**	**182,841**	**51,548**	**1.95**	**100,284**	**579,449**
Bruce	1,938	1.25	2,423	18,899	12,399	1.96	24,270	133,433
Dufferin	1,235	.85	1,050	9,818	5,867	1.48	8,683	52,966
Grey	3,410	1.13	3,853	35,062	9,151	1.70	15,556	97,225
Halton	3,138	.80	2,510	25,100	1,860	1.30	2,418	16,200
Huron	2,123	1.04	2,208	18,768	10,654	1.56	16,620	86,424
Peel	3,125	.70	2,187	20,230	3,854	1.00	3,854	23,124
Perth	1,374	1.47	2,020	18,382	5,406	1.94	10,461	67,996
Simcoe	8,422	1.25	10,518	97,292	11,737	1.95	22,943	153,718
Waterloo	502	1.38	693	6,410	3,301	1.79	5,909	40,772
Wellington	964	1.23	1,186	11,267	10,184	2.00	20,368	142,576
Western Ontario	**26,231**	**1.09**	**28,648**	**261,228**	**74,413**	**1.76**	**131,082**	**814,434**
Durham	1,426	1.02	1,454	11,632	4,978	1.50	7,467	39,348
Haliburton	114	.91	104	1,144	281	1.42	399	2,793
Hastings	1,994	1.15	2,293	19,490	6,378	1.78	11,353	72,659
Muskoka	102	.93	95	1,045	115	1.45	167	1,269
Northumberland	1,652	1.01	1,668	15,012	7,207	1.56	11,243	74,204
Ontario	1,691	1.00	1,691	15,050	6,522	1.83	11,935	71,610
Parry Sound	289	.95	274	3,014	315	1.45	457	3,565
Peterborough	799	1.00	799	8,390	3,961	1.90	7,526	57,298
Prince Edward	1,157	.78	902	9,471	7,839	1.10	8,623	56,912
Victoria	4,514	1.10	4,965	47,168	4,114	1.83	7,529	52,703
York	4,044	1.07	4,327	42,188	6,727	2.07	13,925	98,868
Central Ontario	**17,782**	**1.04**	**18,572**	**173,604**	**48,437**	**1.66**	**80,624**	**531,229**
Carleton	1,233	1.16	1,430	17,160	3,004	1.71	5,137	39,041
Dundas	1,022	1.15	1,175	12,631	1,578	1.80	2,840	21,300
Frontenac	816	1.05	857	9,256	2,119	1.62	3,433	24,718
Glengarry	951	1.10	1,046	13,598	2,455	1.67	4,100	32,800
Grenville	507	1.13	573	6,876	2,134	1.50	3,201	22,407
Lanark	751	1.17	878	10,536	3,716	1.76	6,540	44,472
Leeds	1,237	.82	1,014	12,100	2,614	1.48	3,869	29,018
Lennox & Addington	825	.78	644	7,470	4,281	1.39	5,950	44,625
Prescott	1,349	1.00	1,349	17,402	1,704	1.38	2,351	17,633
Renfrew	1,795	1.19	2,136	27,554	3,545	1.84	6,523	51,532
Russell	816	1.17	954	10,112	1,232	1.35	1,663	12,473
Stormont	738	1.10	811	9,083	1,130	1.63	1,842	12,710
Eastern Ontario	**12,040**	**1.07**	**12,867**	**153,778**	**29,512**	**1.61**	**47,449**	**352,729**
Algoma	227	1.30	295	2,655	305	1.83	558	3,627
Cochrane	296	1.25	370	4,773	446	1.70	758	6,518
Kenora	684	1.20	821	7,882	51	1.61	82	574
Manitoulin	426	1.30	554	4,377	2,220	2.00	4,440	28,860
Nipissing	442	1.10	486	5,346	551	1.52	838	6,034
Rainy River	848	1.22	1,034	8,375	387	1.63	631	4,165
Sudbury	732	1.25	915	10,065	910	1.53	1,392	10,858
Thunder Bay	368	1.25	460	5,060	655	1.48	969	7,558
Timiskaming	1,074	1.19	1,278	15,016	565	1.58	893	6,965
Northern Ontario	**5,097**	**1.22**	**6,213**	**63,549**	**6,090**	**1.73**	**10,561**	**75,159**
The Province, 1941	**80,000**	**1.09**	**87,000**	**835,000**	**210,000**	**1.76**	**370,000**	**2,353,000**

ALFALFA AND HAY AND CLOVER

TABLE XV.—Showing by County Municipalities of Ontario the area, produce and market value of Alfalfa, Hay and Clover for the year 1941.

Counties and Districts	Alfalfa				Hay and Clover			
	Acres	Per acre	Tons	Market value	Acres	Per acre	Tons	Market value
				$				$
Brant	10,663	2.40	25,617	249,766	19,569	1.60	31,310	281,790
Elgin	15,156	2.04	30,918	302,996	41,530	1.38	57,311	512,933
Essex	17,027	2.57	43,676	423,657	18,123	1.60	28,997	260,973
Haldimand	33,345	1.86	62,022	676,040	27,464	1.24	34,055	337,144
Kent	21,119	2.43	51,332	449,155	23,695	1.81	42,888	349,537
Lambton	32,599	2.15	70,088	623,703	41,123	1.40	57,572	483,605
Lincoln	18,463	2.00	36,926	480,038	19,985	1.12	22,383	268,596
Middlesex	26,969	2.17	58,523	571,184	73,275	1.37	100,386	903,474
Norfolk	12,930	2.31	29,842	295,436	27,162	1.59	43,187	399,480
Oxford	14,128	1.99	28,115	292,396	61,301	1.50	91,951	896,522
Welland	10,666	1.41	15,039	187,236	32,279	.70	22,595	271,140
Wentworth	13,486	2.40	32,389	450,207	28,376	1.60	45,402	552,525
Southern Ontario	**226,551**	**2.14**	**484,487**	**5,001,814**	**413,882**	**1.40**	**578,037**	**5,517,719**
Bruce	30,228	2.18	65,920	573,504	92,630	1.42	131,242	1,049,936
Dufferin	6,647	1.84	12,230	128,415	51,504	1.33	68,500	650,750
Grey	47,786	1.72	82,192	813,700	132,224	1.29	170,569	1,594,820
Halton	19,478	1.45	28,243	350,213	24,055	1.27	30,550	366,600
Huron	23,262	1.76	40,941	384,845	95,255	1.37	130,499	1,135,341
Peel	27,628	1.94	53,598	568,139	28,219	1.28	36,120	343,140
Perth	13,079	2.04	26,643	274,423	80,224	1.43	114,720	1,078,368
Simcoe	25,168	2.08	52,370	570,833	94,895	1.45	137,598	1,410,380
Waterloo	8,555	2.03	17,367	191,037	43,611	1.34	58,439	584,390
Wellington	21,024	1.96	41,309	437,875	99,639	1.37	136,505	1,317,273
Western Ontario	**222,855**	**1.89**	**420,813**	**4,292,984**	**742,256**	**1.37**	**1,014,742**	**9,530,998**
Durham	10,305	2.38	24,526	230,544	39,988	1.58	63,181	568,629
Haliburton	162	2.02	327	4,742	9,573	1.28	12,253	171,542
Hastings	32,098	2.29	73,356	696,882	58,117	1.61	93,568	865,504
Muskoka	125	1.73	216	3,056	25,817	.85	21,944	307,216
Northumberland	22,275	2.27	50,569	525,918	41,592	1.37	56,981	552,926
Ontario	19,954	2.48	49,481	504,706	51,097	1.66	84,821	824,282
Parry Sound	184	1.71	315	4,488	31,329	1.06	33,208	464,912
Peterborough	10,126	1.84	18,632	261,780	38,054	1.56	59,364	801,414
Prince Edward	10,542	1.70	17,921	241,934	22,527	1.00	22,527	283,840
Victoria	11,674	1.80	21,013	220,636	54,258	1.21	65,652	656,520
York	37,518	2.40	90,017	1,009,691	47,426	1.65	78,253	860,783
Central Ontario	**154,963**	**2.24**	**346,373**	**3,704,377**	**419,778**	**1.41**	**591,752**	**6,357,568**
Carleton	17,409	2.26	39,344	558,685	82,492	1.38	113,839	1,451,447
Dundas	7,935	2.25	17,854	214,248	44,827	1.36	60,964	658,411
Frontenac	12,658	2.30	29,113	334,800	66,946	1.20	80,335	843,518
Glengarry	6,756	2.21	14,931	217,993	47,126	1.34	63,149	820,937
Grenville	4,632	1.81	8,384	125,760	44,693	1.00	44,693	625,702
Lanark	19,424	2.35	45,646	543,187	58,644	1.47	86,206	999,990
Leeds	11,571	2.29	26,498	331,225	63,735	1.25	79,668	916,182
Lennox & Addington	19,695	2.08	40,966	489,544	51,140	1.10	56,254	646,921
Prescott	2,343	2.30	5,389	72,752	56,888	1.21	68,834	860,425
Renfrew	18,854	2.33	43,930	601,841	73,966	1.30	96,155	1,274,054
Russell	3,054	2.03	6,200	75,020	41,928	1.14	47,798	549,677
Stormont	4,923	2.37	11,667	145,254	43,062	1.35	58,133	668,530
Eastern Ontario	**129,254**	**2.24**	**289,922**	**3,710,309**	**675,447**	**1.27**	**856,028**	**10,315,794**
Algoma	922	1.65	1,521	15,210	26,663	1.50	39,994	363,945
Cochrane	181	1.59	288	4,234	13,104	1.21	15,856	214,056
Kenora	162	2.00	324	3,888	6,112	1.44	8,801	103,412
Manitoulin	4,138	2.10	8,690	85,162	19,565	1.59	31,108	283,083
Nipissing	361	1.72	621	7,824	29,421	1.25	36,776	450,506
Rainy River	9,473	2.14	20,272	206,774	16,906	1.50	25,359	243,446
Sudbury	179	1.67	299	3,678	28,090	1.28	35,955	395,505
Thunder Bay	1,613	1.67	2,694	33,002	27,310	1.24	33,864	372,504
Timiskaming	348	2.00	696	9,744	28,466	1.22	34,728	451,464
Northern Ontario	**17,377**	**2.04**	**35,405**	**369,516**	**195,637**	**1.34**	**262,441**	**2,877,921**
The Province, 1941	**751,000**	**2.10**	**1,577,000**	**17,079,000**	**2,447,000**	**1.35**	**3,303,000**	**34,600,000**

MANGELS AND ALL FIELD CROPS

TABLE XVI.—Showing by County Municipalities of Ontario the area, produce and market value of Mangels and all Field Crops enumerated in Tables VII to XVI for the year 1941.

Counties and Districts	Mangels				All Field Crops		
	Acres	Per acre	Bushels	Market value	Acres	Value	Per acre
				$		$	$ c.
Brant	345	437	150,765	21,107	118,172	2,346,664	19.86
Elgin	147	425	62,475	8,747	196,528	3,919,987	19.95
Essex	298	437	130,226	18,232	262,260	6,893,542	26.29
Haldimand	46	422	19,412	2,718	141,057	2,355,672	16.70
Kent	257	417	107,169	15,004	351,262	8,715,082	24.81
Lambton	336	424	142,464	19,945	264,301	4,889,067	18.50
Lincoln	110	415	45,650	6,391	73,865	1,303,399	17.65
Middlesex	848	428	362,944	50,812	315,400	5,940,887	18.84
Norfolk	107	420	44,940	6,291	127,614	2,403,466	18.83
Oxford	1,215	422	512,730	71,782	252,693	4,778,068	18.91
Welland	58	390	22,620	3,167	84,831	1,014,946	11.96
Wentworth	536	421	225,656	31,591	123,415	2,794,961	22.65
Southern Ontario	**4,303**	**425**	**1,827,051**	**255,787**	**2,311,398**	**47,355,741**	**20.49**
Bruce	683	398	271,834	38,057	313,400	5,582,913	17.81
Dufferin	282	400	112,800	15,792	160,511	2,564,356	15.98
Grey	960	395	379,200	53,268	406,526	6,596,747	16.23
Halton	306	400	122,400	17,136	106,352	1,939,784	18.24
Huron	1,317	395	520,215	72,530	368,450	6,484,667	17.60
Peel	249	400	99,600	13,944	140,327	2,550,430	18.17
Perth	1,675	396	663,300	92,862	377,433	6,960,613	18.44
Simcoe	926	397	367,622	51,467	387,336	7,159,039	18.48
Waterloo	1,725	396	683,100	95,634	189,157	3,872,232	20.47
Wellington	1,457	395	575,515	80,572	332,095	5,801,982	17.47
Western Ontario	**9,580**	**396**	**3,795,586**	**531,262**	**2,781,587**	**49,512,763**	**17.80**
Durham	465	405	188,325	26,366	157,397	2,677,668	17.01
Haliburton	4	400	1,600	224	17,233	278,339	16.15
Hastings	62	408	25,296	3,540	208,437	3,365,339	16.15
Muskoka	24	408	9,792	1,373	36,526	506,103	13.86
Northumberland	312	411	128,232	17,952	182,614	3,099,477	16.97
Ontario	1,434	415	595,110	83,315	227,079	4,665,698	20.55
Parry Sound	24	400	9,600	1,344	53,850	839,100	15.58
Peterborough	296	410	121,360	16,990	123,436	2,398,406	19.43
Prince Edward	64	406	25,984	3,638	91,324	1,325,990	14.52
Victoria	510	403	205,530	28,774	174,851	2,743,601	15.69
York	1,746	420	733,224	102,651	267,365	5,895,677	22.05
Central Ontario	**4,941**	**414**	**2,044,053**	**286,167**	**1,540,112**	**27,795,398**	**18.05**
Carleton	133	370	49,210	6,889	221,279	4,361,054	19.71
Dundas	31	371	11,501	1,610	116,702	2,198,748	18.84
Frontenac	24	369	8,856	1,240	112,028	1,781,972	15.91
Glengarry	35	372	13,020	1,823	110,549	2,031,868	18.38
Grenville	20	368	7,360	1,030	90,024	1,457,576	16.19
Lanark	39	374	14,586	2,042	142,794	2,697,794	18.89
Leeds	59	375	22,125	3,098	141,884	2,534,196	17.86
Lennox & Addington	37	370	13,690	1,917	139,134	2,242,473	16.12
Prescott	44	368	16,192	2,267	134,429	2,226,933	16.57
Renfrew	52	372	19,344	2,708	208,196	4,049,849	19.45
Russell	78	365	28,470	3,986	110,203	1,964,544	17.83
Stormont	28	361	10,108	1,415	100,652	1,780,895	17.69
Eastern Ontario	**580**	**370**	**214,462**	**30,025**	**1,627,874**	**29,327,902**	**18.02**
Algoma	33	334	11,022	1,543	52,506	850,332	16.19
Cochrane	22	335	7,370	1,033	33,484	761,181	22.73
Kenora	5	333	1,665	233	14,779	247,824	16.77
Manitoulin	46	337	15,502	2,170	41,795	719,607	17.22
Nipissing	17	336	5,712	800	52,412	919,152	17.54
Rainy River	28	335	9,380	1,313	46,933	755,011	16.09
Sudbury	19	334	6,346	888	50,870	1,014,496	19.94
Thunder Bay	32	336	10,752	1,505	42,030	734,134	17.47
Timiskaming	27	337	9,099	1,274	62,076	991,259	15.97
Northern Ontario	**229**	**336**	**76,848**	**10,759**	**396,885**	**6,992,996**	**17.62**
The Province, 1941	**19,600**	**406**	**7,958,000**	**1,114,000**	**8,657,500**	**160,984,800**	**18.59**

PASTURE, FALLOW, ORCHARD, SMALL FRUITS

TABLE XVII.—Showing by County Municipalities the area in Cleared Pasture, Summer Fallow, Orchards and Small Fruits in 1941.

Counties and Districts	Cleared pasture	Summer fallow	Orchard	Small fruits	Total
	Acres	Acres	Acres	Acres	Acres
Brant	24,631	2,501	2,534	490	30,156
Elgin	63,981	2,216	4,935	732	71,864
Essex	27,002	962	5,004	1,928	34,896
Haldimand	26,693	6,290	3,189	293	36,465
Kent	60,268	1,001	5,239	927	67,435
Lambton	121,675	4,407	8,644	748	135,474
Lincoln	15,422	3,646	15,305	10,947	45,320
Middlesex	154,218	5,774	9,255	1,101	170,348
Norfolk	32,815	3,507	5,894	1,808	44,024
Oxford	67,290	2,324	6,087	444	76,145
Welland	21,446	6,626	5,217	2,126	35,415
Wentworth	22,848	2,901	6,690	2,742	35,181
Southern Ontario	**638,289**	**42,155**	**77,993**	**24,286**	**782,723**
Bruce	125,180	12,675	5,466	374	143,695
Dufferin	51,794	3,083	1,651	147	56,675
Grey	130,036	11,350	8,330	508	150,224
Halton	22,975	4,176	4,675	790	32,616
Huron	137,611	7,332	9,118	569	154,630
Peel	38,533	5,961	5,226	669	50,389
Perth	79,402	9,998	4,667	310	94,377
Simcoe	90,276	29,633	6,007	1,015	126,931
Waterloo	24,582	4,177	3,496	292	32,547
Wellington	72,999	7,146	4,065	346	84,556
Western Ontario	**773,388**	**95,531**	**52,701**	**5,020**	**926,640**
Durham	55,333	3,423	7,082	341	66,179
Haliburton	9,782	136	68	38	10,024
Hastings	84,696	1,512	2,810	488	89,506
Muskoka	15,863	182	147	63	16,255
Northumberland	63,248	2,644	8,631	799	75,322
Ontario	57,618	3,739	4,405	421	66,183
Parry Sound	17,571	546	70	87	18,274
Peterborough	52,063	5,133	1,322	287	58,805
Prince Edward	35,639	1,292	3,475	523	40,929
Victoria	55,780	3,056	1,042	217	60,095
York	46,184	10,652	5,654	618	63,108
Central Ontario	**493,777**	**32,315**	**34,706**	**3,882**	**564,680**
Carleton	79,906	856	1,175	317	82,254
Dundas	39,027	146	1,643	261	41,077
Frontenac	69,548	792	822	266	71,428
Glengarry	40,555	185	888	161	41,789
Grenville	41,441	198	867	213	42,719
Lanark	100,109	653	1,081	281	102,124
Leeds	91,233	333	964	254	92,784
Lennox and Addington	59,542	1,321	1,146	384	62,393
Prescott	50,049	116	441	161	50,767
Renfrew	80,274	1,616	831	334	83,055
Russell	31,598	107	465	209	32,379
Stormont	40,210	162	761	197	41,330
Eastern Ontario	**723,492**	**6,485**	**11,084**	**3,038**	**744,099**
Algoma	10,643	994	248	134	12,019
Cochrane	4,095	63	1	21	4,180
Kenora	1,396	95	2	5	1,498
Manitoulin	10,964	188	181	40	11,373
Nipissing	11,251	220	20	64	11,555
Rainy River	7,927	637	17	44	8,625
Sudbury	10,744	171	20	97	11,032
Thunder Bay	5,372	228	18	131	5,749
Timiskaming	9,662	418	9	38	10,127
Northern Ontario	**72,054**	**3,014**	**516**	**574**	**76,158**
The Province, 1941	**2,701,000**	**179,500**	**177,000**	**36,800**	**3,094,300**

HORSES ON HAND

TABLE XVIII.—Showing by County Municipalities the number and value of Horses on hand June 1st, 1941.

Counties and Districts	Stallions, 2 yrs. old and over	Mares, 2 yrs. old and over	Geldings, 2 yrs. old and over	Colts and Fillies, under 2 years	Total Horses	
					Number	Value
						$
Brant	42	3,979	3,388	1,299	8,708	675,597
Elgin	48	5,689	5,334	1,430	12,501	994,214
Essex	67	6,403	6,500	1,432	14,402	1,167,422
Haldimand	27	3,832	3,452	1,137	8,448	693,923
Kent	61	7,982	7,811	2,081	17,935	1,358,811
Lambton	79	7,719	6,595	2,208	16,601	1,240,507
Lincoln	21	3,229	2,504	376	6,130	521,134
Middlesex	128	10,301	8,598	2,980	22,007	1,606,534
Norfolk	45	4,452	4,994	792	10,283	927,942
Oxford	68	7,102	6,843	1,714	15,727	1,315,743
Welland	21	2,474	2,217	596	5,308	511,468
Wentworth	41	3,793	3,749	799	8,382	768,171
Southern Ontario	**648**	**66,955**	**61,985**	**16,844**	**146,432**	**11,781,466**
Bruce	125	8,633	7,696	2,620	19,074	1,495,206
Dufferin	44	4,431	3,999	1,884	10,358	783,447
Grey	76	11,020	9,813	3,035	23,944	2,000,473
Halton	33	2,537	2,813	615	5,998	555,251
Huron	98	10,082	9,073	2,710	21,963	1,622,371
Peel	57	3,852	3,195	1,071	8,175	724,291
Perth	60	8,627	7,709	2,416	18,812	1,433,990
Simcoe	94	10,197	8,330	2,593	21,214	1,988,526
Waterloo	62	5,483	5,127	1,523	12,195	972,635
Wellington	78	8,944	8,047	2,400	19,469	1,531,215
Western Ontario	**727**	**73,806**	**65,802**	**20,867**	**161,202**	**13,107,405**
Durham	50	4,649	4,024	1,240	9,963	834,278
Haliburton	25	511	669	111	1,316	119,883
Hastings	69	5,666	5,467	1,564	12,766	1,088,778
Muskoka	15	952	971	147	2,085	219,074
Northumberland	58	5,498	4,872	1,448	11,876	976,552
Ontario	96	6,475	5,245	1,441	13,257	1,149,360
Parry Sound	26	1,654	1,712	353	3,745	434,474
Peterborough	41	3,700	4,107	1,034	8,882	686,645
Prince Edward	23	2,942	2,466	634	6,065	550,613
Victoria	57	4,525	4,144	1,154	9,880	759,090
York	111	6,965	6,329	1,824	15,229	1,432,133
Central Ontario	**571**	**43,537**	**40,006**	**10,950**	**95,064**	**8,250,880**
Carleton	68	5,889	5,369	1,798	13,124	1,186,610
Dundas	33	3,397	3,030	1,110	7,570	661,218
Frontenac	27	3,894	3,524	1,101	8,546	709,652
Glengarry	46	3,409	3,305	1,091	7,851	713,101
Grenville	10	2,566	2,396	778	5,750	755,687
Lanark	49	3,936	3,458	1,049	8,492	776,737
Leeds	42	4,119	3,844	994	8,999	789,074
Lennox and Addington	24	3,482	3,231	917	7,654	603,213
Prescott	64	3,487	3,232	1,195	7,978	722,115
Renfrew	60	6,565	5,677	1,844	14,146	1,352,540
Russell	56	2,820	2,644	1,051	6,571	585,423
Stormont	39	2,855	2,652	863	6,409	569,864
Eastern Ontario	**518**	**46,419**	**42,362**	**13,791**	**103,090**	**9,425,230**
Algoma	22	1,568	1,763	479	3,832	435,068
Cochrane	43	1,402	2,121	180	3,746	466,105
Kenora	7	351	675	17	1,050	90,889
Manitoulin	12	1,402	1,307	413	3,134	321,492
Nipissing	19	1,421	1,549	392	3,381	397,384
Rainy River	35	1,270	1,437	260	3,002	283,568
Sudbury	36	1,349	1,733	336	3,454	377,801
Thunder Bay	8	777	1,571	66	2,422	229,897
Timiskaming	34	1,591	1,800	405	3,830	464,258
Northern Ontario	**216**	**11,131**	**13,956**	**2,548**	**27,845**	**3,066,462**
The Province, 1941	**2,680**	**241,848**	**224,111**	**65,000**	**533,639**	**45,631,447**

CATTLE ON HAND

TABLE XIX.—Showing by County Municipalities the number of Cattle on hand, June 1st, 1941.

Counties and Districts	Bulls for breeding	Cows for milk purposes	Cows for beef purposes	Yearlings for milk purposes	Yearlings for beef purposes	Calves	All other cattle
Brant	856	14,305	703	3,783	2,691	6,531	1,113
Elgin	1,427	25,595	1,570	5,802	4,745	12,495	4,436
Essex	679	18,284	394	4,212	983	6,697	490
Haldimand	786	14,155	770	3,927	3,193	8,080	922
Kent	796	17,954	2,889	4,654	6,264	12,830	8,158
Lambton	1,325	26,884	4,198	5,843	14,895	23,008	8,397
Lincoln	455	8,924	380	1,966	756	3,886	222
Middlesex	2,416	44,256	6,699	10,482	19,033	26,607	17,453
Norfolk	779	13,951	131	3,830	1,423	5,706	301
Oxford	2,703	47,601	1,486	14,690	4,564	17,644	2,670
Welland	451	9,274	420	1,987	638	3,496	97
Wentworth	856	16,659	529	3,942	1,702	6,940	534
Southern Ontario	**13,529**	**257,842**	**20,169**	**65,118**	**60,887**	**133,920**	**44,793**
Bruce	1,870	33,970	7,472	6,541	24,229	29,920	13,775
Dufferin	717	15,090	2,392	3,033	10,220	12,343	4,246
Grey	2,666	43,808	6,381	7,997	28,336	34,658	18,166
Halton	889	13,546	604	3,882	2,476	7,004	769
Huron	1,916	38,314	6,348	7,862	25,933	31,573	13,210
Peel	1,111	19,844	805	5,390	3,294	9,277	2,039
Perth	2,235	39,361	2,522	10,516	15,475	25,939	5,411
Simcoe	1,571	37,961	2,889	8,741	15,373	24,770	5,476
Waterloo	1,290	21,904	825	5,713	4,774	12,307	2,357
Wellington	1,837	30,758	4,862	6,525	17,765	23,844	8,402
Western Ontario	**16,102**	**294,556**	**35,100**	**66,200**	**147,875**	**211,635**	**73,851**
Durham	814	15,997	2,765	3,802	5,879	12,630	2,936
Haliburton	119	3,017	157	636	595	2,074	164
Hastings	2,140	36,523	794	8,967	2,444	16,220	1,161
Muskoka	250	5,228	272	1,113	850	2,870	252
Northumberland	1,264	23,219	1,013	6,447	3,544	11,861	1,578
Ontario	1,614	25,284	3,516	5,907	8,026	16,594	2,820
Parry Sound	497	10,036	840	2,318	2,718	6,800	1,184
Peterborough	914	17,763	858	4,460	4,417	10,377	2,191
Prince Edward	764	12,382	210	3,473	1,468	5,304	55
Victoria	850	17,217	3,431	3,997	10,120	13,303	6,911
York	1,898	33,925	1,388	7,585	3,256	13,251	1,394
Central Ontario	**11,124**	**200,591**	**15,244**	**48,705**	**43,317**	**111,284**	**20,646**
Carleton	1,901	38,343	1,495	9,748	4,642	16,198	4,962
Dundas	1,629	28,892	122	7,494	302	7,800	12
Frontenac	1,539	27,918	629	6,310	1,837	9,901	790
Glengarry	1,783	28,871	163	7,131	313	8,007	21
Grenville	783	17,410	246	4,567	282	5,267	216
Lanark	1,186	23,563	2,017	5,470	6,989	14,031	3,721
Leeds	1,825	34,443	233	8,525	530	11,037	185
Lennox & Addington	1,050	20,203	638	4,755	2,409	8,619	1,102
Prescott	1,834	25,219	267	6,574	744	8,620	92
Renfrew	1,831	30,150	2,057	7,090	10,216	21,044	5,137
Russell	1,625	23,666	133	6,224	655	8,719	68
Stormont	1,535	25,107	205	5,619	395	6,542	8
Eastern Ontario	**18,521**	**323,785**	**8,205**	**79,507**	**29,314**	**125,785**	**16,314**
Algoma	346	8,387	859	1,973	1,746	5,058	616
Cochrane	773	7,597	154	2,276	804	4,762	171
Kenora	114	1,806	61	486	102	969	24
Manitoulin	266	6,944	1,089	1,345	4,020	5,807	1,308
Nipissing	802	9,932	258	2,742	1,338	6,413	350
Rainy River	307	5,374	213	1,562	1,045	3,604	152
Sudbury	846	9,247	301	2,376	967	5,760	190
Thunder Bay	315	6,813	110	1,717	520	3,847	35
Timiskaming	669	9,134	308	2,533	1,324	6,022	138
Northern Ontario	**4,438**	**65,234**	**3,353**	**17,010**	**11,866**	**42,242**	**2,984**
The Province, 1941	**63,714**	**1,142,008**	**82,071**	**276,540**	**293,259**	**624,866**	**158,588**

TOTAL CATTLE AND SHEEP AND LAMBS ON HAND

TABLE XX.—Showing by County Municipalities the number and value of Cattle on hand, June 1st, 1941.

Counties and Districts	Total Cattle		Sheep and Lambs		
	Number	Value	Ewes 1 year and over	Rams 1 year and over	Lambs Under 1 year
		$			
Brant	29,982	1,761,647	2,132	92	1,879
Elgin	56,070	2,837,356	6,220	200	5,283
Essex	31,739	1,665,294	1,954	101	1,969
Haldimand	31,833	1,551,660	4,579	160	4,687
Kent	53,545	2,418,501	2,815	366	2,531
Lambton	84,550	3,869,841	10,060	491	10,383
Lincoln	16,589	835,972	2,309	131	2,171
Middlesex	126,946	6,670,842	8,963	933	8,783
Norfolk	26,121	1,463,097	1,497	90	1,400
Oxford	91,358	4,835,441	2,710	127	2,596
Welland	16,363	783,575	1,044	36	925
Wentworth	31,162	1,940,302	2,355	175	2,291
Southern Ontario	**596,258**	**30,633,528**	**46,638**	**2,902**	**44,898**
Bruce	117,777	6,609,213	13,722	621	14,171
Dufferin	48,041	2,056,302	12,056	477	12,614
Grey	142,012	5,854,959	31,954	1,178	31,662
Halton	29,170	706,933	3,349	143	3,417
Huron	125,156	5,746,569	8,544	444	8,601
Peel	41,760	2,305,560	4,315	167	4,258
Perth	101,459	4,549,535	3,362	162	3,521
Simcoe	96,781	4,049,066	17,541	716	17,325
Waterloo	49,170	2,534,955	1,420	69	1,542
Wellington	93,993	4,419,772	12,648	559	12,873
Western Ontario	**845,319**	**38,832,864**	**108,911**	**4,536**	**109,984**
Durham	44,823	2,012,307	9,045	470	8,551
Haliburton	6,762	236,951	872	61	796
Hastings	68,249	2,474,806	8,571	444	8,214
Muskoka	10,835	401,236	1,385	100	1,197
Northumberland	48,926	1,964,688	5,111	308	4,844
Ontario	63,761	3,184,013	13,148	588	12,563
Parry Sound	24,393	897,222	3,989	270	4,795
Peterborough	40,980	1,688,686	5,372	236	5,283
Prince Edward	23,656	1,071,920	2,510	95	2,504
Victoria	55,829	2,311,859	13,028	523	12,569
York	62,697	3,879,109	7,885	333	7,621
Central Ontario	**450,911**	**20,122,797**	**70,916**	**3,428**	**68,937**
Carleton	77,289	3,193,772	8,978	296	8,701
Dundas	46,251	2,172,790	760	47	746
Frontenac	48,924	1,860,282	4,319	213	4,241
Glengarry	46,289	1,953,679	1,392	64	1,289
Grenville	28,771	1,071,587	3,888	128	3,643
Lanark	56,977	2,195,314	13,682	677	13,180
Leeds	56,778	2,303,623	4,541	150	4,227
Lennox and Addington	38,776	1,673,025	3,079	127	3,136
Prescott	43,350	1,715,113	1,198	122	1,069
Renfrew	77,525	2,661,594	23,068	1,180	21,210
Russell	41,090	1,588,967	1,667	80	1,590
Stormont	39,411	1,834,517	860	42	756
Eastern Ontario	**601,431**	**24,224,263**	**67,432**	**3,126**	**63,788**
Algoma	18,985	762,402	3,654	175	3,536
Cochrane	16,537	672,251	1,417	142	967
Kenora	3,562	124,215	364	25	326
Manitoulin	20,779	869,099	8,839	403	9,420
Nipissing	21,835	729,916	3,070	293	3,076
Rainy River	12,257	429,730	7,763	308	8,427
Sudbury	19,687	659,998	1,461	85	1,220
Thunder Bay	13,357	473,682	1,408	124	1,203
Timiskaming	20,128	730,940	4,470	159	4,068
Northern Ontario	**147,127**	**5,452,233**	**32,446**	**1,714**	**32,243**
The Province, 1941	**2,641,046**	**119,265,685**	**326,343**	**15,706**	**319,850**

TOTAL SHEEP AND SWINE ON HAND

TABLE XXI.—Showing by County Municipalities the number and value of Swine on hand, June 1st, 1941.

Counties and Districts	Total Sheep and Lambs		Swine		Total Swine	
	Number	Value	Six months and over	Under six months	Number	Value
		$				$
Brant	4,103	35,451	3,953	16,940	20,893	234,068
Elgin	11,703	89,309	10,322	37,962	48,284	483,889
Essex	4,024	28,998	19,571	57,007	76,578	686,901
Haldimand	9,426	70,685	4,965	22,375	27,340	301,141
Kent	5,712	52,921	26,023	76,871	102,894	1,007,792
Lambton	20,934	276,745	15,276	62,355	77,631	769,376
Lincoln	4,611	41,790	2,386	9,674	12,060	134,036
Middlesex	18,679	174,267	12,352	61,714	74,066	797,271
Norfolk	2,987	24,082	4,638	18,581	23,219	237,560
Oxford	5,433	43,508	10,689	52,815	63,504	692,730
Welland	2,005	14,603	2,280	7,944	10,224	103,531
Wentworth	4,821	39,236	5,768	21,557	27,325	269,775
Southern Ontario	**94,438**	**891,595**	**118,223**	**445,795**	**564,018**	**5,718,070**
Bruce	28,514	241,885	11,857	64,752	76,609	863,033
Dufferin	25,147	199,127	7,528	28,948	36,476	414,314
Grey	64,794	514,266	15,325	71,877	87,202	948,985
Halton	6,909	61,757	3,891	16,294	20,185	223,734
Huron	17,589	146,028	16,847	78,908	95,755	1,076,297
Peel	8,740	67,268	5,544	25,478	31,022	337,235
Perth	7,045	58,498	16,104	83,290	99,394	1,054,318
Simcoe	35,582	277,639	16,845	72,946	89,791	1,043,894
Waterloo	3,031	23,947	12,218	53,272	65,490	724,658
Wellington	26,080	230,451	14,246	67,425	81,671	920,187
Western Ontario	**223,431**	**1,820,866**	**120,405**	**563,190**	**683,595**	**7,606,655**
Durham	18,066	147,814	6,350	25,842	32,192	367,880
Haliburton	1,629	10,472	353	1,112	1,465	13,262
Hastings	17,229	110,181	8,315	37,697	46,012	443,621
Muskoka	2,682	19,376	519	1,845	2,364	24,365
Northumberland	10,263	78,054	6,193	30,731	36,924	391,009
Ontario	26,299	220,656	10,161	43,277	53,438	590,250
Parry Sound	9,054	49,178	1,022	4,154	5,176	48,440
Peterborough	10,891	75,559	3,628	17,119	20,747	210,248
Prince Edward	5,109	37,985	2,733	13,058	15,791	218,975
Victoria	26,120	202,195	6,473	27,207	33,680	336,486
York	15,839	135,439	14,773	57,787	72,560	798,182
Central Ontario	**143,281**	**1,086,909**	**60,520**	**259,829**	**320,349**	**3,442,718**
Carleton	17,975	121,411	5,222	26,398	31,620	293,085
Dundas	1,553	11,195	3,328	14,620	17,948	176,828
Frontenac	8,773	61,496	3,503	15,864	19,367	181,645
Glengarry	2,745	18,687	4,424	18,963	23,387	230,532
Grenville	7,659	51,413	2,230	7,950	10,180	100,976
Lanark	27,539	200,651	2,731	13,909	16,640	141,824
Leeds	8,918	64,138	3,253	14,718	17,971	155,462
Lennox and Addington	6,342	50,233	3,618	18,391	22,009	219,012
Prescott	2,389	13,863	5,444	23,344	28,788	242,243
Renfrew	45,458	259,939	5,638	22,738	28,376	225,182
Russell	3,337	27,486	4,074	17,367	21,441	189,560
Stormont	1,658	13,075	3,377	16,436	19,813	192,515
Eastern Ontario	**134,346**	**893,587**	**46,842**	**210,698**	**257,540**	**2,348,864**
Algoma	7,365	49,777	1,004	4,552	5,556	50,188
Cochrane	2,526	19,446	1,616	5,015	6,631	80,028
Kenora	715	4,324	318	684	1,002	10,850
Manitoulin	18,662	125,086	810	3,837	4,647	35,229
Nipissing	6,439	38,799	1,718	6,656	8,374	69,398
Rainy River	16,498	97,027	1,137	3,923	5,060	41,238
Sudbury	2,766	18,451	2,051	6,436	8,487	75,094
Thunder Bay	2,735	16,012	1,155	3,202	4,357	47,093
Timiskaming	8,697	55,463	1,133	4,608	5,741	55,102
Northern Ontario	**66,403**	**424,385**	**10,942**	**38,913**	**49,855**	**464,220**
The Province, 1941	**661,899**	**5,117,342**	**356,932**	**1,518,425**	**1,875,357**	**19,580,527**

POULTRY ON HAND

TABLE XXII.—Showing by County Municipalities the number and value of Poultry on hand, June 1st, 1941.

Counties and Districts	Turkeys	Geese	Ducks	Other Fowls	Total Poultry	
					Number	Value
						$
Brant	4,212	2,766	4,098	501,792	512,868	374,123
Elgin	24,154	5,085	6,563	532,359	568,161	272,310
Essex	17,000	6,862	19,565	752,503	795,930	357,668
Haldimand	20,750	3,493	5,523	511,462	541,228	270,883
Kent	13,273	7,872	37,198	994,225	1,052,568	405,661
Lambton	63,388	13,205	22,478	1,153,417	1,252,488	513,031
Lincoln	12,888	2,101	7,206	302,252	324,447	185,420
Middlesex	68,767	14,097	22,060	1,031,638	1,136,562	544,559
Norfolk	8,924	2,451	4,421	406,621	422,417	211,276
Oxford	4,164	7,501	11,573	728,434	751,672	380,088
Welland	8,865	1,691	5,578	264,728	280,862	149,422
Wentworth	5,323	2,369	4,590	456,541	468,823	266,601
Southern Ontario	**251,708**	**69,493**	**150,853**	**7,635,972**	**8,108,026**	**3,931,042**
Bruce	30,809	9,753	7,408	661,669	709,639	316,424
Dufferin	1,327	11,000	3,364	407,231	422,922	249,212
Grey	11,829	18,379	11,489	712,770	754,467	344,640
Halton	5,572	3,849	16,371	382,873	408,665	222,033
Huron	14,826	14,523	17,701	977,826	1,024,876	457,653
Peel	9,920	10,130	20,933	464,294	505,277	266,582
Perth	5,075	13,610	12,120	823,007	853,812	388,808
Simcoe	28,916	17,648	8,213	662,737	717,514	352,717
Waterloo	3,734	6,017	5,530	566,062	581,343	290,667
Wellington	3,045	17,058	9,063	759,439	788,605	372,997
Western Ontario	**115,053**	**121,967**	**112,192**	**6,417,908**	**6,767,120**	**3,261,733**
Durham	7,568	7,679	5,207	347,100	367,554	176,744
Haliburton	2,403	174	145	23,585	26,307	14,991
Hastings	12,380	4,714	1,697	331,976	350,767	167,314
Muskoka	1,143	446	383	53,967	55,939	37,036
Northumberland	8,620	4,422	2,767	505,797	521,606	223,238
Ontario	10,848	10,842	6,174	559,709	587,573	294,630
Parry Sound	3,365	1,029	430	80,314	85,138	59,041
Peterborough	12,888	3,501	1,754	270,274	288,417	135,545
Prince Edward	1,969	969	1,428	211,944	216,310	112,147
Victoria	13,616	7,825	3,265	329,744	354,450	159,934
York	18,037	12,554	12,376	764,918	807,885	437,731
Central Ontario	**92,837**	**54,155**	**35,626**	**3,479,328**	**3,661,946**	**1,818,351**
Carleton	23,379	8,420	7,080	480,466	519,345	244,958
Dundas	5,592	4,188	3,068	333,108	345,956	163,521
Frontenac	28,974	2,737	2,698	222,806	257,215	121,823
Glengarry	13,686	623	568	209,009	223,886	112,745
Grenville	6,865	2,539	2,578	198,117	210,099	98,662
Lanark	24,775	2,048	575	254,618	282,016	136,591
Leeds	21,474	2,899	4,129	262,902	291,404	143,134
Lennox and Addington	11,141	2,666	2,903	306,633	323,343	138,137
Prescott	8,771	1,742	868	221,803	233,184	102,123
Renfrew	25,324	4,838	579	354,095	384,836	171,730
Russell	982	2,874	1,173	184,589	189,618	86,380
Stormont	7,221	1,726	704	348,559	358,210	162,387
Eastern Ontario	**178,184**	**37,300**	**26,923**	**3,376,705**	**3,619,112**	**1,682,191**
Algoma	6,633	1,419	296	117,035	125,383	78,012
Cochrane	748	391	519	114,542	116,200	73,654
Kenora	1,005	275	92	43,821	45,193	23,735
Manitoulin	20,256	941	364	72,017	93,578	52,902
Nipissing	958	414	104	86,004	87,480	51,367
Rainy River	5,990	632	257	74,237	81,116	42,744
Sudbury	1,277	585	143	101,163	103,168	55,318
Thunder Bay	1,849	316	235	172,856	175,256	89,262
Timiskaming	1,474	1,218	297	106,266	109,255	70,578
Northern Ontario	**40,190**	**6,191**	**2,307**	**887,941**	**936,629**	**537,572**
The Province, 1941	**677,972**	**289,106**	**327,901**	**21,797,854**	**23,092,833**	**11,230,889**

PART II—CHATTEL MORTGAGES

Table showing by County Municipalities of Ontario the total number and amount of Chattel Mortgages on record and undischarged on December 31st, for the years 1939, 1940 and 1941, together with totals for the Province for all occupations as well as for "farmers," as far as given in the records.

Counties and Districts	1941		1940		1939	
	No.	Amount	No.	Amount	No.	Amount
		$		$		$
Algoma	200	213,432	157	211,690	187	235,177
Brant	502	391,557	421	373,350	583	414,025
Bruce	332	375,735	322	397,893	377	366,748
Carleton	2,749	2,630,370	3,583	2,725,419	4,123	2,069,885
Cochrane	590	382,573	550	594,972	385	648,299
Dufferin	142	272,096	158	284,260	171	309,952
Elgin	430	641,447	458	682,446	398	681,718
Essex	2,319	2,844,692	2,341	3,279,006	2,570	2,861,732
Frontenac	675	477,115	651	357,344	556	370,395
Grey	449	760,901	492	820,996	570	895,287
Haldimand	154	180,171	186	211,483	183	211,076
Halton	411	602,751	423	612,284	367	540,270
Hastings	834	791,149	749	729,338	745	797,266
Huron	383	658,779	414	716,615	431	739,866
Kenora	162	270,321	112	134,336	134	361,213
Kent	880	1,521,126	946	1,667,553	946	1,663,727
Lambton	413	378,664	495	425,527	481	444,537
Lanark	246	301,725	260	88,584	237	332,499
Leeds and Grenville	370	580,341	439	643,367	207	461,058
Lennox and Addington	191	367,649	202	370,107	184	430,933
Lincoln	659	676,795	608	642,837	575	542,576
Manitoulin	77	84,042	76	76,380	98	97,086
Middlesex	1,737	1,001,905	1,759	1,148,079	1,805	1,013,501
Muskoka	157	348,002	181	220,862	174	352,299
Nipissing	241	475,147	107	106,683	236	454,213
Norfolk	499	483,981	517	445,701	507	393,219
Northumberland and Durham	411	592,621	531	650,542	541	676,279
Ontario	584	700,124	505	656,576	410	835,213
Oxford	502	652,887	533	689,712	504	699,098
Parry Sound	129	142,786	117	133,290	178	138,904
Peel	311	370,064	308	322,985	383	364,162
Perth	379	593,308	399	600,299	396	546,746
Peterborough	409	385,189	297	383,241	340	472,786
Prescott and Russell	485	790,317	458	781,571	511	843,535
Prince Edward	246	260,023	196	276,869	213	286,680
Rainy River	115	81,838	100	108,341	112	80,244
Renfrew	256	407,976	257	416,948	287	482,840
Simcoe	650	821,998	659	895,198	852	1,151,171
Stormont, Dundas and Glengarry	561	845,803	642	946,308	683	991,882
Sudbury	1,210	546,652	1,258	520,858	530	375,043
Thunder Bay	285	269,526	257	511,757	282	847,083
Timiskaming	536	991,195	513	1,177,644	413	609,490
Victoria and Haliburton	249	317,211	240	338,791	279	389,331
Waterloo	795	909,433	674	749,668	749	858,805
Welland	1,092	894,592	871	801,121	780	938,722
Wellington	623	782,398	481	827,190	519	833,895
Wentworth	2,800	2,915,503	3,133	2,656,611	3,364	2,394,999
York	15,947	14,046,676	16,419	11,558,432	17,408	11,237,721
Total:						
All occupations	44,377	46,030,586	45,455	43,971,064	46,964	43,743,186
Farmers as given	6,276	12,393,093	6,447	13,510,604	7,043	14,385,556
Occupations not given	26,134	14,211,538	25,860	12,822,504	28,257	16,743,782

PART III.

Comparative Farm Statistics for Sixty Years—1882-1941

STATISTICS OF FARM CROPS

Fall Wheat and Spring Wheat

The following table gives the area, produce and market value of Fall Wheat and Spring Wheat for the years 1882 to 1941, together with the annual averages for the various periods of ten years and the average for the sixty years.

Years	Fall Wheat				Spring Wheat			
	Acres	Bushels	Per acre	Market Value	Acres	Bushels	Per acre	Market value
				$				$
1941	565,500	15,042,000	26.6	14,139,000	45,300	834,000	18.4	751,000
1940	775,400	22,099,000	28.5	13,922,000	69,200	1,301,000	18.8	846,000
1939	734,988	22,271,000	30.3	14,253,000	81,757	1,550,000	18.9	1,023,000
1938	742,062	19,805,775	26.7	11,082,514	88,001	1,592,289	18.1	923,545
1937	718,813	18,691,535	26.0	19,427,921	94,174	1,600,648	17.0	1,638,457
1936	509,306	12,478,456	24.5	13,601,343	97,972	1,735,147	17.7	1,874,293
1935	555,073	12,600,690	22.7	8,946,898	98,807	1,857,135	18.8	1,356,077
1934	425,594	6,724,089	15.8	5,917,025	96,373	1,803,088	18.7	1,533,062
1933	558,970	14,030,553	25.1	9,259,526	96,701	1,662,969	17.2	1,114,229
1932	536,292	15,061,600	28.1	6,929,113	100,068	1,990,368	19.9	895,980
1931	525,024	15,013,555	28.6	7,747,787	90,183	1,982,594	20.0	1,008,547
1930	676,802	18,047,207	26.7	11,958,527	98,966	2,179,204	22.0	1,426,734
1929	691,662	17,820,739	25.8	22,092,590	106,610	1,929,892	18.1	2,416,054
1928	693,660	16,766,408	24.2	20,456,753	109,805	2,181,855	19.9	2,599,815
1927	751,377	19,447,536	25.9	24,254,806	119,580	2,408,055	20.1	2,939,777
1926	807,015	20,988,030	26.0	26,262,506	115,497	2,166,054	18.8	2,708,690
1925	747,101	22,764,736	30.5	30,420,639	113,338	2,440,632	21.5	3,245,576
1924	722,366	21,396,621	29.6	28,646,679	101,401	1,948,853	19.2	2,669,773
1923	717,307	16,599,067	23.1	15,976,322	111,601	1,937,937	17.4	1,865,540
1922	813,935	17,792,958	21.9	18,616,746	124,206	2,099,503	16.9	2,207,565
1921	621,420	13,667,879	22.0	15,096,980	152,904	1,907,459	12.5	2,087,264
1920	762,371	18,492,013	24.3	35,759,610	267,367	4,480,472	16.8	8,237,182
1919	619,494	15,051,703	24.3	35,698,096	361,150	5,646,544	15.6	13,603,841
1918	362,616	7,054,845	19.5	14,877,794	351,423	8,186,191	23.3	17,076,203
1917	585,946	13,384,207	22.8	28,078,738	182,957	3,679,516	20.1	7,716,693
1916	704,867	14,942,050	21.2	24,099,591	144,305	2,213,961	15.3	3,591,681
1915	811,185	24,737,011	30.5	24,023,286	162,142	3,439,949	21.2	3,392,996
1914	685,692	14,333,548	20.9	15,641,232	118,607	2,169,425	18.3	2,340,520
1913	646,533	15,945,717	24.7	13,550,459	116,581	2,068,951	17.7	1,818,652
1912	759,888	15,039,885	19.8	13,795,968	123,080	2,302,339	18.7	2,072,266
1911	837,492	17,926,586	21.4	15,519,411	133,711	2,295,534	17.2	2,081,580
1910	743,473	19,837,172	26.7	17,172,678	129,319	2,489,833	19.3	2,229,999
1909	663,375	15,967,653	24.1	16,335,950	135,161	2,223,567	16.5	2,237,189
1908	679,642	16,430,476	24.2	14,649,061	142,124	2,197,716	15.5	1,996,230
1907	676,164	15,545,491	23.0	14,410,670	144,514	2,473,651	17.1	2,137,234
1906	787,287	18,841,774	23.9	13,321,134	171,745	3,267,000	19.0	2,250,963
1905	796,213	17,933,961	22.5	13,719,480	190,116	3,582,627	18.8	2,683,387
1904	605,458	9,160,623	15.1	9,041,535	225,027	3,471,103	15.4	3,269,779
1903	665,028	17,242,763	25.9	12,949,315	248,518	4,650,707	18.7	3,460,126
1902	748,592	20,233,669	27.0	14,305,204	303,115	6,048,024	20.0	4,209,425
1901	911,587	15,943,229	17.5	10,538,474	358,048	5,498,751	15.4	3,673,166
1900	1,068,640	23,369,737	21.9	15,517,505	376,905	6,940,333	18.4	4,684,725
1899	1,049,691	14,439,827	13.8	9,631,365	398,726	7,041,317	17.7	4,682,476
1898	1,048,182	25,158,713	24.0	17,460,147	389,205	6,873,785	17.7	4,756,659
1897	950,222	23,988,051	25.2	18,758,656	323,305	4,868,101	15.1	3,826,327
1896	876,955	15,078,441	17.2	10,705,693	255,361	3,519,322	13.8	2,484,641
1895	743,199	14,155,282	19.0	9,809,610	223,957	3,472,543	15.5	2,423,835
1894	778,992	16,512,106	21.2	9,081,658	230,016	3,367,854	14.6	1,869,159
1893	913,954	17,545,248	19.2	10,509,604	356,721	4,186,063	11.7	2,486,521
1892	966,522	20,492,497	21.2	14,488,195	651,302	8,290,395	12.7	5,620,888
1891	849,956	21,872,488	25.7	20,800,736	510,634	10,711,538	21.0	9,951,019
1890	720,101	14,267,383	19.8	13,439,875	601,753	7,683,905	12.8	7,015,405
1889	822,115	13,001,865	15.8	11,493,648	398,610	5,697,707	14.3	5,019,680
1888	826,537	13,830,787	16.7	14,162,726	367,850	6,453,559	17.5	6,408,384
1887	897,743	14,440,611	16.1	11,321,439	484,821	5,633,117	11.6	4,393,831
1886	886,402	18,071,142	20.4	13,300,361	577,465	9,518,553	16.5	6,900,951
1885	875,136	21,478,281	24.5	17,504,799	799,463	9,129,881	11.4	7,358,684
1884	864,740	20,717,631	24.0	16,677,693	721,647	14,609,661	20.2	11,892,264
1883	1,097,210	11,656,957	10.6	12,239,805	586,410	9,726,063	16.6	10,406,887
1882	1,188,520	31,255,202	26.3	31,567,754	586,817	9,665,999	16.5	10,245,959
Annual Averages:								
1932–1941	612,200	15,880,470	25.9	11,747,834	86,835	1,592,664	18.3	1,195,564
1922–1931	714,625	18,663,676	26.1	20,643,336	110,019	2,127,458	19.3	2,308,807
1912–1921	656,001	15,264,886	23.3	22,062,175	198,052	3,609,481	18.2	6,193,730
1902–1911	720,272	16,912,017	23.5	14,142,444	182,335	3,269,976	17.9	2,655,591
1882–1941	756,123	17,241,432	22.8	16,232,794	249,524	4,148,071	16.6	3,993,973

STATISTICS OF FARM CROPS

OATS AND BARLEY

The following table gives the area, produce and market value of Oats and Barley for the years 1882 to 1941, together with the annual averages for the various periods of ten years and the average for the sixty years.

Years	Oats				Barley			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				$				$
1941	1,965,000	64,845,000	33.0	28,532,000	363,700	10,438,000	28.7	5,845,000
1940	2,254,000	86,554,000	38.4	27,697,000	499,000	15,519,000	31.1	6,828,000
1939	2,274,126	86,639,000	38.1	29,457,000	522,232	16,600,000	31.8	7,636,000
1938	2,262,930	83,198,318	27.9	23,231,985	544,017	16,648,991	30.6	6,798,249
1937	2,263,935	73,712,228	32.6	31,035,041	555,939	16,029,856	28.8	9,380,594
1936	2,345,906	66,857.962	28.5	32,091,668	519,233	14,018,054	27.0	11,214,391
1935	2,376,736	85,560,799	36.0	23,957,144	523,035	16,841,004	32.2	6,736,335
1934	2,390,817	81,526,069	34.1	28,534,021	484,908	14,741,263	30.4	7,370,538
1933	2,315,700	65,543,218	28.3	21,629,214	461,226	12,037,325	26.1	4,935,203
1932	2,338,569	75,517,411	32.3	18,878,732	456,000	13,771,000	30.2	4,958,004
1931	2,330,128	77,979,490	33.5	19,499,057	437,588	13,407,038	30.6	4,898,775
1930	2,468,913	97,481,866	39.5	28,983,780	609,879	20,910,731	34.3	7,496,760
1929	2,335,310	73,640,478	31.5	45,918,227	622,063	18,032,191	29.0	13,799,386
1928	2,659,980	93,461,068	35.1	51,912,665	615,433	19,944,133	32.4	14,790,285
1927	2,689,295	101,913,746	37.9	58,438,236	514,802	17,238,125	33.5	13,382,864
1926	2,831,755	95,722,130	33.8	49,615,846	449,095	14,447,174	32.2	9,823,171
1925	2,837,390	118,100,471	41.6	53,404,626	436,383	14,917,247	34.2	10,160,463
1924	2,891,990	114,249,129	39.5	61,899,999	439,177	14,570,403	33.2	11,970,808
1923	2,967,417	103,485,442	34.9	46,937,124	452,490	13,523,349	29.9	8,487,609
1922	3,034,090	116,033,569	38.2	50,450,114	433,922	13,971,811	32.2	8,561,782
1921	3,094,958	72,575,191	23.4	36,555,194	462,176	10,149,353	22.0	6,665,865
1920	2,880,053	129,171,312	44.9	75,159,913	484,328	16,660,350	34.4	15,631,613
1919	2,674,341	78,388,018	29.3	76,572,899	569,183	13,133,757	23.1	19,146,902
1918	2,924,468	131,752,601	45.1	98,798,745	660,404	24,247,673	36.7	25,112,912
1917	2,763,355	111,232,817	40.3	86,640,057	551,298	18,387,741	33.4	23,118,166
1916	2,689,762	71,297,528	26.5	47,066,428	527,886	12,388,969	23.5	12,621,940
1915	2,871,755	120,217,952	41.9	47,452,121	552,318	19,893,129	36.0	11,130,811
1914	2,776,883	103,564,322	37.3	51,232,043	579,473	18,096,754	31.2	11,640.790
1913	2,699,459	98,426,902	36.5	36,342,489	623,658	18,255,958	29.3	10,136,759
1912	2,601,735	98,444,807	37.8	38,005,016	647,382	19,232,275	29.7	11,296,962
1911	2,699,230	84,829,232	31.4	37,494,695	616,977	16,248,129	26.3	12,000,154
1910	2,757,933	102,084,924	37.0	35,698,964	626,144	19,103,107	30.5	9,930,410
1909	2,695,585	90,235,579	33.5	35,612,676	695,262	18,776,777	27.0	10,286,328
1908	2,774,259	96,626,419	34.8	38,987,985	734,029	20,888,569	28.5	10,943,788
1907	2,932,509	83,524,301	28.5	40,759,859	766,891	21,718,332	28.3	12,900,689
1906	2,716,711	108,341,455	39.9	36,836,095	756,163	25,253,011	33.4	11,363,855
1905	2,668,416	105,563,572	39.6	35,469,360	772,633	24,265,394	31.4	10,409,854
1904	2,654,936	102,173,443	38.5	33,002,022	772,434	24,567,825	31.8	10,736,140
1903	2,638,665	109,874,053	41.6	32,193,097	709,839	24,378,817	34.3	10,263,482
1902	2,500,758	106,431,439	42.6	37,038,141	661,622	21,890,602	33.1	9,872,661
1901	2,408,264	78,334,490	32.5	28,357,085	637,201	16,761,076	26.3	7,542,484
1900	2,398,834	89,693,327	37.4	23,768,732	577,810	16,909,751	29.3	6,577,893
1899	2,363,778	89,897,724	38.0	24,901,670	490,374	14,830,891	30.2	5,858,202
1898	2,376,360	86,858,293	36.6	22,409,440	438,784	12,663,668	28.9	4,812,194
1897	2,432,491	86,318,128	35.5	19,507,897	451,515	12,021,779	26.6	3,245,880
1896	2,425,107	82,979,992	34.2	16,595,998	462,792	12,669,744	27.4	4,003,639
1895	2,373,309	84,697,566	35.7	24,646,992	478,046	12,090,507	25.3	4,884,565
1894	2,342,766	70,172,516	30.0	21,613,135	486,261	10,980,404	22.6	4,447,064
1893	1,936,644	58,584,529	30.3	19,450,064	467,315	9,806,088	21.0	3,932,241
1892	1,861,469	64,758,053	34.8	19,945,480	499,225	12,274,318	24.6	5,069,293
1891	1,840,636	75,009,542	40.8	27,378,483	553,166	16,141,904	29.2	7,925,675
1890	1,882,366	52,768,207	28.0	21,687,734	701,326	15,600,169	22.2	7,831,285
1889	1,923,444	64,346,301	33.5	19,625,622	875,286	23,386,388	26.7	10,290,011
1888	1,849,868	65,466,911	35.4	26,514,099	895,432	23,366,569	26.1	14,043,308
1887	1,682,463	49,848,101	29.6	17,247,443	767,346	17,134,830	22.3	9,715,448
1886	1,621,901	58,665,608	36.2	18,772,995	735,778	19,512,278	26.5	10,009,799
1885	1,543,745	55,229,742	35.8	17,397,369	597,873	16,533,587	27.7	9,126,540
1884	1,481,828	57,696,304	38.9	19,097,476	700,472	19,119,041	27.3	10,247,806
1883	1,418,309	54,573,609	38.5	20,737,971	757,156	18,414,337	24.3	10,496,172
1882	1,387,487	50,501,701	36.4	21,715,731	848,617	24,284,407	28.6	15,784,865
Annual Averages:								
1932–1941	2,278,772	76,995,402	33.8	26,504 381	492,929	14 664,449	29.7	7,170,231
1922–1931	2,704,627	99,206,739	36.7	46,705,967	501,083	16,096,220	32.1	10,337,190
1912–1921	2,797,677	101,507,145	36.3	59,382,491	565,811	17,044,596	30.1	14,650,272
1902–1911	2,703,900	98,968,442	36.6	36,309,289	711,199	21,709,056	30.5	10,870,736
1882–1941	2,423,347	85,719,632	35.4	35,505,544	585,533	16,994,082	29.0	9,768,811

STATISTICS OF FARM CROPS

Peas and Beans

The following table gives the area, produce and market value of Peas and Beans for the years 1882 to 1941, together with the annual averages for the various periods of ten years and the average for the sixty years.

Years	Peas				Beans			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				$				$
1941	35,900	560,000	15.6	1,047,000	94,100	1,588,000	16.9	2,630,000
1940	55,200	894,000	16.2	1,672,000	84,800	1,264,000	14.9	2,212,000
1939	51,902	887,000	17.1	1,570,000	62,527	1,338,000	21.4	3,011,000
1938	52 405	899,103	17.2	1,348,680	59,727	1,366,018	22.9	1,366,018
1937	58,358	796,208	13.6	1,242,687	57,175	1,105,660	19.3	1,178,628
1936	66,831	815,101	12.2	1,263,360	56,344	743,037	13.2	1,501,391
1935	68,709	1,168,244	17.0	1,109,639	56,987	1,031,871	18.1	1,496,499
1934	68,811	1,156,027	16.8	983,041	49,445	692,025	14.0	878,504
1933	58,746	938,755	16.0	750,856	52,320	779,476	14.9	717,326
1932	59,535	1,071,344	18.0	696,348	61,821	1,059,559	17.1	519,132
1931	58,944	972,832	16.5	608,586	76,312	1,184,172	15.5	685,934
1930	80,093	1,581,468	19.7	1,657,822	67,540	905,498	13.4	1,306,852
1929	79,523	1,235,658	15.5	2,013,945	63,732	1,113,310	17.5	3,373,233
1928	109,887	1,892,588	17.2	2,892,490	50,953	873,427	17.1	3,343,825
1927	105,662	2,035,687	19.3	3,049,924	47,156	725,011	15.4	1,700,257
1926	97,865	1,880,301	19.2	2,831,588	51,721	819,166	15.8	1,913,221
1925	133,434	2,607,287	19.5	3,532,258	61,080	1,154,317	18.9	2,431,446
1924	130,989	2,456,164	18.8	3,712,042	52,047	856,860	16.5	1,958,602
1923	117,409	2,030,850	17.3	2,940,685	41,127	633,713	15.4	1,538,701
1922	105,544	2,076,965	19.7	2,914,720	39,999	622,781	15.6	1,579,549
1921	105,964	1,441,095	13.6	2,205,423	26,509	427,531	16.1	1,005,057
1920	109,187	2,209,523	20.2	4,270,938	22,744	380,499	16.7	1,097,137
1919	127,253	1,816,517	14.3	4,794,268	22,920	288,480	12.6	1,154,081
1918	113,862	2,381,937	20.9	5,184,332	100,082	1,387,834	13.9	6,230,007
1917	90,322	1,512,567	16.7	4,855,888	110,680	1,078,510	9.7	7,446,626
1916	95,542	1,243,979	13.4	2,618,754	53,999	583,105	10.8	3,183,086
1915	126,943	2,043,049	16.1	3,302,641	62,863	882,819	14.0	2,745,105
1914	177,856	2,609,585	14.7	3,565,974	51,149	835,895	16.3	1,787,432
1913	177,303	3,108,263	17.5	3,127,551	66,639	1,021,243	15.3	1,738,900
1912	221,524	3,667,005	16.6	4,047,354	69,703	1,182,132	17.0	2,280,173
1911	304,491	4,462,182	14.7	4,380,883	51,508	898,212	17.4	1,711,089
1910	403,414	6,016,003	14.9	4,856,986	49,778	892,927	17.9	1,386,798
1909	381,609	7,613,656	20.0	6,437,685	45,029	826,344	18.4	1,334,325
1908	396,642	7,401,336	18.7	6,121,449	46,477	783,757	16.9	1,160,103
1907	340,977	7,365,036	21.6	5,744,728	47,562	790,269	16.6	1,201,209
1906	410,356	7,388,987	18.0	5,216,625	51,272	950,312	18.5	1,320,934
1905	374,518	7,100,021	19.0	4,636,314	50,543	846,443	16.7	1,117,305
1904	339,260	6,629,866	19.5	4,176,816	50,892	912,849	17.9	1,113,676
1903	407,133	8,924,650	21.9	5,738,550	53,039	978,246	18.4	1,379,327
1902	532,639	7,664,679	14.4	5,441,922	53,964	670,633	12.4	905,355
1901	602,724	10,089,173	16.7	6,588,230	53,688	824,122	15.4	1,030,153
1900	661,592	14,058,198	21.2	8,027,231	44,053	820,373	18.6	817,912
1899	743,139	15,140,790	20.4	8,675,673	40,485	651,009	16.1	703,090
1898	865,951	13,521,263	15.6	7,058,099	45,220	759,657	16.8	531,760
1897	896,735	13,867,093	15.5	5,838,046	50,591	981,340	19.4	639,834
1896	829,601	17,493,148	21.1	7,696,985	68,369	1,197,535	17.5	819,114
1895	799,963	15,568,103	19.5	8,531,320	72,747	1,494,179	20.5	1,414,988
1894	785,007	14,022,888	17.9	7,516,268	59,281	827,514	14.0	913,575
1893	738,741	14,168,955	19.2	7,651,236	48,858	664,310	13.6	783,886
1892	774,732	14,494,430	18.7	8,551,714	33,249	535,931	16.1	529,500
1891	752,453	18,323,459	24.4	11,690,367	41,451	769,600	18.6	816,546
1890	781,206	15,389,313	19.7	9,279,756	39,456	761,341	19.3	978,323
1889	708,068	13,509,237	19.1	7,524,645	21,830	371,893	17.0	471,188
1888	696,653	14,269,863	20.5	9,332,490	22,700	534,526	23.5	607,756
1887	726,756	12,173,332	16.8	6,804,892	20,275	275,975	13.6	270,180
1886	703,936	16,043,734	22.8	8,439,004	21,072	482,072	22.9	403,494
1885	646,081	14,006,192	21.7	8,123,591	24,651	496,564	20.1	397,251
1884	570,928	13,691,607	24.0	8,817,395	24,878	592,044	23.8	698,612
1883	542,771	10,673,723	19.7	7,578,343	25,907	....	....	....
1882	560,770	11,006,115	19.6	8,144,525	19,787	409,910	20.7	807,523
Annual Averages:								
1932–1941	57,640	918,578	15.9	1,168,361	63,525	1,096,765	17.3	1,551,050
1922–1931	101,935	1,876,980	18.4	2,615,406	55,167	888,826	16.1	1,983,162
1912–1921	134,576	2,203,352	16.4	3,797,312	58,729	806,805	13.7	2,866,760
1902–1911	389,104	7,056,642	18.1	5,275,196	50,006	854,999	17.1	1,263,012
1882–1941	353,672	6,701,102	18.9	4,840,543	50,880	832,064	16.3	1,504,575

STATISTICS OF FARM CROPS

RYE AND BUCKWHEAT

The following table gives the area, produce and market value of Rye and Buckwheat for the years 1882 to 1941, together with the annual averages for the various periods of ten years and the average for the sixty years.

Years	Rye				Buckwheat			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				$				$
1941	73,700	1,253,000	17.0	827,000	116 300	2,326,000	20.0	1,349,000
1940	81,500	1,557,000	19.1	779,000	182,500	3,796,000	20.8	1,746,000
1939	75,652	1,378,000	18.2	799,000	168,404	3,570,000	21.2	1,856,000
1938	74,129	1,439,266	19.4	626,738	183,200	3,507,176	19.1	1,440,364
1937	74,704	1,291,222	17.3	1,006,882	195,193	3,753,901	19.2	2,237,761
1936	53,212	893,962	16.8	751,119	196,971	3,959,741	20.1	2,732,034
1935	59,340	1,044,363	17.6	417,797	186,427	3,896,451	20.9	1,558,406
1934	55,947	865,988	15.5	475,984	213,904	4,384,994	20.5	2,060,966
1933	54,006	913,024	16.9	465,739	207,124	4,349,266	21.0	1,826,807
1932	57,500	1,024,000	17.8	378,924	196,552	4,511,006	22.9	1,579,166
1931	61,701	1,104,754	17.9	462,594	178,719	3,665,584	20.5	1,551,607
1930	52,881	937,302	17.7	454,565	275,317	5,675,616	20.6	2,935,428
1929	52,023	873,239	16.8	847,938	294,388	5,562,013	18.9	4,627,121
1928	66,307	1,131,172	17.1	1,076,724	271,243	5,692,376	21.0	4,638,578
1927	72,323	1,289,058	17.8	1,228,421	249,210	5,892,510	23.6	4,593,204
1926	86,355	1,501,390	17.4	1,309,840	234,870	4,975,192	21.2	3,830,695
1925	98,652	1,784,625	18.1	1,553,529	257,932	5,579,109	21.6	4,086,236
1924	126,641	2,299,545	18.2	2,471,369	240,552	6,449,496	26.8	5,593,465
1923	123,354	2,011,325	16.3	1,481,691	230,276	5,012,010	21.8	3,670,511
1922	152,709	2,500,354	16.4	1,959,112	197,812	4,266,215	21.6	3,137,448
1921	122,868	1,775,599	14.5	1,467,086	147,944	3,354,201	22.7	2,482,999
1920	133,090	2,349,880	17.7	3,336,240	143,204	3,190,478	22.3	3,367,161
1919	140,072	2,219,042	15.8	3,531,031	178,569	4,071,959	22.8	5,727,413
1918	112,726	1,812,909	16.1	2,750,561	223,662	4,597,990	20.6	6,207,986
1917	133,077	2,222,325	16.7	3,614,591	153,457	2,992,391	19.5	4,278,256
1916	148,738	2,354,410	15.8	2,797,290	229,205	3,261,888	14.2	3,555,699
1915	173,736	3,210,512	18.5	2,532,051	193,497	4,278,366	22.1	3,057,398
1914	138,913	2,315,532	16.7	1,965,522	177,227	4,251,421	24.0	3,041,564
1913	118,429	1,979,775	16.7	1,310,306	228,279	4,012,418	17.6	2,549,398
1912	105,949	1,839,675	17.4	1,287,208	205,893	5,414,796	26.3	2,950,001
1911	98,652	1,562,971	15.8	1,326,510	189,039	3,852,231	20.4	2,324,992
1910	95,397	1,620,333	17.0	1,024,787	194,913	4,693,881	24.1	2,346,387
1909	94,661	1,573,921	16.6	1,060,566	176,630	4,280,790	24.2	2,284,440
1908	87,908	1,453,616	16.5	1,012,953	140,605	3,323,668	23.6	1,799,890
1907	67,158	1,039,021	15.5	721,081	113,039	2,546,468	22.5	1,461,673
1906	79,870	1,327,582	16.6	808,497	106,444	1,792,903	16.8	887,487
1905	101,292	1,714,951	16.9	974,092	101,591	2,199,652	21.7	1,099,826
1904	130,702	2,001,826	15.3	1,153,052	100,608	2,066,234	20.5	1,004,190
1903	179,277	2,970,768	16.6	1,443,793	95,487	2,049,169	21.5	907,782
1902	189,318	3,509,332	18.5	1,772,213	93,324	1,911,683	20.5	917,608
1901	158,236	2,545,268	16.1	1,254,817	88,266	1,757,071	19.9	850,422
1900	142,213	2,357,635	16.6	1,143,453	102,570	1,874,261	18.3	819,052
1899	137,824	2,284,846	16.6	1,142,423	132,082	2,203,299	16.7	1,002,501
1898	165,089	2,673,234	16.2	1,162,857	150,394	2,373,645	15.8	906,732
1897	187,785	3,382,005	18.0	1,275,016	151,669	3,464,186	22.8	1,039,256
1896	148,680	2,230,873	15.0	816,500	145,606	2,603,669	17.9	794,119
1895	120,350	1,900,117	15.8	866,453	135,262	2,791,749	20.6	1,027,364
1894	90,144	1,386,606	15.4	612,880	145,268	2,534,335	17.4	993,459
1893	68,486	994,771	14.5	472,516	133,828	2,380,456	17.8	995,031
1892	73,073	1,132,504	15.5	631,937	125,104	2,521,214	20.2	1,063,952
1891	67,865	1,134,630	16.7	820,337	107,879	2,608,142	24.2	1,150,191
1890	103,061	1.563,345	15.2	823,883	90,111	2,053,720	22.8	883,100
1889	90,106	1,431,679	15.9	728,725	56,398	1,272,578	22.6	502,668
1888	84,087	1,295,302	15.4	779,772	57,528	1,222,283	21.2	602,585
1887	68,362	894,887	13.1	442,969	64,143	1,025,353	16.0	461,409
1886	67,779	1,106,462	16.3	577,573	70,792	1,678,708	23.7	565,725
1885	78,293	1,271,506	16.2	701,871	61,776	1,530,675	24.8	600,024
1884	103,416	1,648,259	15.9	984,010	65,836	1,484,570	22.5	593,828
1883	188,111	3,012,240	16.0	2,018,201	67,802	....	....	....
1882	185,276	3,473,799	18.7	2,223,231	50,035	1,262,973	25.2	505,189
Annual Averages:								
1932–1941	65,969	1,165,983	17.7	652 818	184,658	3,805,453	20.6	1,838,650
1922–1931	89,295	1,543,279	17.3	1,284,578	243.032	5,277,012	21.7	3,866,429
1912–1921	132,760	2,207,966	16.6	2,459,189	188,094	3,942,591	21.0	3,721,788
1902–1911	112,424	1,877432	16.7	1,129,754	131,168	2,871,668	21.9	1,503,428
1882–1941	105,545	1,761,109	16.7	1,264,724	157,864	3,293,502	20.9	2,077,659

STATISTICS OF FARM CROPS

Flax and Mixed Grains

The following table gives the area, produce and market value of Flax and Mixed Grains for the years 1907 to 1941, together with the annual averages for the various periods and for the whole term of years.

Years	Flax				Mixed Grains			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				$				$
1941	11,800	113,000	9.6	175,000	1,176,500	38,942,000	33.1	19,860,000
1940	17,500	170,000	9.7	226,000	915,000	34,770,000	38.0	13,213,000
1939	6,162	58,000	9.3	92,000	914,364	35,662,000	39.0	14,621,000
1938	5,176	44,917	8.7	56,200	888,321	32,596,707	36.7	11,522,394
1937	5,009	51,743	10.3	72,501	890,136	30,674,828	34.5	14,787,597
1936	5,289	34,423	6.5	50,819	953,079	27,830,699	29.2	14,750,022
1935	7,436	75,277	10.2	98,277	926,557	33,821,188	36.5	11,499,206
1934	5,666	56,716	10.0	75,550	941,448	32,195,970	34.2	12,878,261
1933	5,548	49,474	9.0	59,357	946,779	27,552,147	29.1	10,470,240
1932	6,280	61,569	9.8	55,540	986,161	33,327,100	33.8	10,997,537
1931	7,325	79,555	10.9	83,812	1,012,347	35,155,615	34.7	12,510,754
1930	5,235	51,257	9.8	78,809	958,086	37,512,279	39.2	13,857,314
1929	5,492	46,927	8.5	109,034	892,897	29,903,638	33.5	21,890,640
1928	7,964	67,441	8.5	141,111	905,693	33,691,418	37.2	23,420,648
1927	7,080	68,173	9.6	121,004	799,333	31,918,944	39.9	22,882,169
1926	7,712	75,736	9.8	148,149	770,981	28,577,629	37.1	18,697,998
1925	9,789	123,134	12.6	262,386	681,624	28,246,057	41.4	16,559,729
1924	6,619	77,801	11.8	162,590	645,622	26,403,332	40.9	18,231,508
1923	6,766	68,684	10.2	140,376	648,934	23,880,889	36.8	14,290,315
1922	4,556	48,662	10.7	106,046	552,399	21,270,479	38.5	11,882,085
1921	7,534	66,748	8.9	130,995	618,289	16,188,510	26.2	10,579,352
1920	21,053	224,893	10.7	515,983	581,689	25,712,447	44.2	20,556,442
1919	13,717	129,461	9.4	670,608	628,761	19,735,287	31.4	26,403,773
1918	15,925	196,221	12.3	*1,224,783	619,389	27,462,374	44.3	28,253,556
1917	7,372	....	....	....	515,593	20,102,421	39.0	20,876,501
1916	5,880	....	....	....	485,986	13,297,354	27.4	12,485,065
1915	5,334	....	....	....	475,738	19,461,609	40.9	10,602,271
1914	6,025	....	....	....	456,631	16,854,550	36.9	10,074,687
1913	7,431	....	....	....	414,517	15,113,480	36.5	7,953,111
1912	9,125	....	....	....	448,402	16,382,161	36.5	8,674,724
1911	12,128	....	....	....	486,112	14,845,595	30.5	9,104,141
1910	12,021	....	....	....	497,936	18,261,803	36.7	9,187,822
1909	11,253	....	....	....	474,530	16,199,434	34.1	8,825,196
1908	8,562	....	....	....	456,049	15,354,350	33.7	8,444,893
1907	9,296	....	....	....	443,100	14,202,511	32.1	7,811,381
Annual Averages:								
1932–1941	7,587	71,512	9.4	96,124	953,834	32,737,264	34.3	13,459,926
1922–1931	6,854	70,737	10.3	135,332	786,792	29,666,028	37.7	17,422,316
1912–1921	9,940	....	....	....	524,500	19,031,019	36.3	15,645,948
1907–1911	10,652	....	....	....	471,545	15,772,739	33.4	8,674,687
1907–1941	8,487	....	....	....	714,542	25,517,623	35.7	14,533,009

*Including seed of fibre variety commandeered and shipped to Ireland to the value of $930,769.

No estimates of yields of flax were made previous to 1918. The average for the twenty-four years, 1918–1941, was 8,443 acres, yielding 84,992 bushels, valued at $202,372.

STATISTICS OF FARM CROPS

Husking Corn and Silo Corn

The following table gives the area, produce and market value of *Corn (for husking and for silo) for the years 1892 to 1941, together with the annual averages for the various periods of ten years and the average for the fifty years.

Years	Corn for Husking				Corn for Silo			
	Acres	Bushels (shelled)	Per acre	Market value	Acres	Tons (green)	Per acre	Market value
				$				$
1941	245,400	11,337,000	46.2	8,389,000	295,000	2,950,000	10.00	9,145,000
1940	186,000	6,956,000	37.4	3,826,000	339,000	3,112,000	9.18	7,500,000
1939	183,175	8,097,000	44.2	4,453,000	335,691	3,545,000	10.55	9,430,000
1938	180,130	7,696,212	42.7	3,307,900	321,754	3,470,225	10.79	8,726,715
1937	165,593	5,409,213	32.7	3,272,319	317,349	3,080,766	9.71	8,280,429
1936	164,399	6,082,942	37.0	4,136,165	306,934	2,470,816	8.05	7,858,238
1935	167,710	7,764,981	46.3	3,494,268	324,799	3,033,659	9.34	9,100,977
1934	161,137	6,797,863	42.2	4,419,012	323,173	2,990,000	9.25	11,960,000
1933	136,596	5,054,297	37.0	2,830,032	286,021	2,440,009	8.53	7,320,027
1932	130,257	5,056,623	38.8	2,275,625	285,343	2,573,977	9.02	6,434,943
1931	123,960	5,434,159	43.9	2,157,322	264,286	2,301,527	8.71	9,206,108
1930	130,094	5,148,898	39.6	3,569,682	311,817	2,619,049	8.40	10,476,196
1929	120,000	4,449,961	32.1	4,460,367	287,566	2,221,467	7.73	9,574,523
1928	110,192	4,614,567	41.9	4,714,511	299,307	2,685,727	8.97	11,199,482
1927	102,626	3,632,809	35.4	3,613,287	326,964	2,490,660	7.62	10,012,453
1926	179,325	6,886,293	38.4	5,529,069	367,772	3,497,071	9.51	15,736,820
1925	207,767	9,736,311	46.9	8,131,617	373,133	3,614,233	9.69	15,360,490
1924	263,615	11,141,331	42.3	11,737,059	403,060	3,977,017	9.87	17,896,577
1923	285,335	12,861,496	45.1	9,710,461	409,628	3,651,102	8.91	14,604,408
1922	265,018	12,306,242	46.5	8,609,503	438,819	4,413,191	10.06	17,652,764
1921	250,684	13,542,441	54.0	8,012,455	438,343	5,015,082	11.44	25,075,410
1920	243,909	12,914,851	52.9	12,867,119	449,176	4,668,054	10.39	23,340,270
1919	221,004	10,101,650	45.7	16,400,838	399,549	4,013,946	10.05	20,069,730
1918	195,310	8,676,715	44.4	13,650,415	380,946	3,944,313	10.35	17,749,409
1917	258,935	7,675,675	29.7	14,278,407	511,329	4,587,176	8.97	18,348,704
1916	258,332	8,478,048	32.8	9,446,060	439,411	3,276,185	7.46	10,647,610
1915	309,773	14,506,997	46.8	9,885,292	443,736	4,874,377	10.98	12,185,943
1914	290,817	15,488,240	53.3	10,622,455	418,105	4,751,223	11.36	11,878,058
1913	299,871	14,809,343	49.4	9,545,538	388,138	4,059,345	10.46	10,148,363
1912	301,251	14,646,312	48.6	8,162,565	377,982	3,969,597	10.50	9,923,993
1911	308,350	14,608,860	47.8	9,693,994	335,935	3,764,227	11.21	9,410,568
1910	320,519	16,600,257	51.8	9,301,245	326,627	3,788,364	11.60	7,576,728
1909	322,789	15,079,793	46.7	9,705,826	288,346	3,374,655	11.70	6,749,310
1908	299,690	15,734,081	52.5	9,440,336	233,753	2,729,265	11.68	5,458,530
1907	338,573	14,599,644	43.1	6,219,448	200,354	2,029,547	10.13	4,059,094
1906	289,456	15,992,455	55.3	9,019,744	180,796	2,149,413	11.89	4,298,826
1905	295,005	13,948,613	47.3	7,720,557	184,784	2,284,812	12.36	4,569,624
1904	329,882	13,494,609	40.9	7,570,476	193,115	2,023,340	10.48	4,046,680
1903	378,924	19,525,259	51.5	10,807,230	209,727	2,564,400	12.23	5,128,800
1902	371,959	13,674,796	36.7	8,327,951	209,859	2,611,334	12.44	5,222,668
1901	323,923	16,558,737	51.1	9,438,480	197,932	2,359,514	11.92	4,719,028
1900	330,772	18,062,374	54.6	8,588,659	179,798	2,147,532	11.94	4,295,064
1899	333,590	14,448,823	43.3	4,291,300	171,935	1,697,755	9.87	3,395,510
1898	330,748	15,628,395	47.3	4,711,961	189,948	2,128,073	11.20	4,256,146
1897	335,030	16,442,665	49.1	4,858,808	209,005	2,669,822	12.77	5,339,644
1896	317,667	16,047,576	50.5	4,717,987	178,962	1,948,780	10.89	3,897,560
1895	302,929	16,546,599	54.6	5,609,297	149,899	1,775,654	11.85	3,551,308
1894	267,348	10,850,235	40.6	4,247,867	111,361	1,049,765	9.43	2,099,530
1893	217,294	9,381,974	43.2	3,729,335	95,865	1,049,524	10.95	2,099,048
1892	181,463	7,486,332	41.3	2,953,358	91,403	948,907	10.38	1,897,814
Annual Averages:								
1932–1941	172,040	7,025,213	40.8	4,040,332	313,506	2,966,645	9.46	8,575,633
1922–1931	178,793	7,621,207	42.6	6,223,288	348,235	3,147,104	9.04	13,171,982
1912–1921	262,989	12,084,027	45.9	11,287,114	424,672	4,315,930	10.16	15,936,749
1892–1941	246,682	11,240,331	45.6	7,129,224	296,271	2,987,870	10.08	9,378,302

*The combined average area for corn for the ten years, 1882–1891, was 195,878 acres, the average value of the produce for the same period being $3,704,614. The combined average for corn for the sixty years, 1882–1941, was 484,941 acres, the average value of the produce for the same period being $14,373,708.

STATISTICS OF FARM CROPS

POTATOES AND TURNIPS

The following table gives the area, produce and market value of Potatoes and Turnips for the years 1882 to 1941, together with the annual averages for the various periods of ten years and the average for the sixty years.

Years	Potatoes				Turnips			
	Acres	Hundred-weight	Per acre	Market value	Acres	Bushels	Per acre	Market value
				$				$
1941	120,300	7,579,000	63.0	9,095,000	41,600	16,099,000	387	3,219,800
1940	146,800	6,753,000	46.0	7,496,000	61,900	26,658,000	430	3,363,000
1939	142,108	7,247,000	51.0	8,189,000	61,982	26,034,000	420	3,124,000
1938	146,177	7,428,652	50.8	5,779,073	63,407	26,101,938	412	3,132,233
1937	150,649	10,130,497	67.2	6,122,043	62,002	24,908,885	402	2,989,066
1936	145,046	8,700,037	60.0	11,744,902	61,902	23,226,804	375	3,215,753
1935	149,245	7,877,771	52.8	7,878,163	62,248	21,786,804	350	2,614,416
1934	164,325	11,829.864	72.0	6,506,762	65,021	25,368,247	390	3,550,155
1933	157,536	8,694,295	55.2	8,694,061	66,100	20,228,057	306	2,427,366
1932	156,252	9,515,764	60.9	6,565,765	65,952	25,456,398	386	2,036,511
1931	168,158	12,015,901	71.5	4,735,770	68,323	23,489,120	344	2,348,912
1930	159,192	10,965,033	68.9	10,906,175	74,133	25,386,998	342	5,077,400
1929	148,435	8,484,053	57.2	15,271,732	72,502	22,848,692	315	4,569,738
1928	181,241	11,275,111	62.2	11,052,928	71,791	34,323,412	478	6,864,682
1927	159,871	9,297,184	58.2	13,662,224	68,479	29,452,281	430	5,448,672
1926	153,468	9,897,774	64.5	18,627,771	71,500	23,204,013	325	4,640,803
1925	163,790	9,428,872	57.6	21,513,125	73,318	28,015,466	382	5,042,784
1924	169,145	14,979,918	88.6	13,355,441	70,110	32,547,607	464	5,533,093
1923	164,682	11,479,188	69.7	14,306,447	65,193	27,099,910	416	5,419,982
1922	172,858	12,209,725	70.6	10,385,525	67,635	29,923,528	442	5,984,706
1921	164,096	9,240,085	56.3	13,589,599	70,715	24,265,547	343	6,673,025
1920	157,509	14,377,025	91.3	23,776,530	80,588	40,141,406	498	11,038,887
1919	157,286	9,086,953	57.8	25,026,467	85,312	28,740,526	337	7,903,645
1918	166,203	11,625,568	69.9	19,238,431	85,449	42,190,382	494	10,547,596
1917	146,481	10,975,041	74.9	22,530,291	93,034	39,989,556	430	7,997,911
1916	139,523	4,445,057	31.9	9,684,215	91,670	24,067,699	263	3,369,478
1915	173,934	7,960,214	45.8	10,805,026	97,451	46,598,851	478	4,659,885
1914	167,591	16,030,552	95.7	11,747,332	95,371	46,336,708	486	4,633,671
1913	159,661	11,414,469	71.5	12,114,656	97,572	41,889,894	429	4,188,989
1912	158,888	12,807,836	80.6	13,604,052	101,529	49,561,566	488	4,956,157
1911	162,457	8,351,219	51.4	11,722,539	100,593	39,664,275	394	3,966,428
1910	168,454	13,156,682	78.1	10,798,597	108,360	49,425,472	456	4,942,547
1909	169,695	14,787,170	87.1	8,989,452	113,400	50,738,940	447	5,073,894
1908	166,974	11,110,585	66.5	8,874,201	120,920	41,210,189	341	4,121,019
1907	177,186	12,034,605	67.9	11,693,625	123,011	48,205,605	392	4,820,561
1906	136,064	9,012,179	66.2	8,080,921	132,512	57,060,151	431	5,706,015
1905	132,530	8,619,629	65.0	6,608,383	135,348	57,654,086	426	5,765,409
1904	133,819	9,287,473	69.4	7,847,915	133,207	64,861,703	487	6,486,170
1903	139,011	10,005,868	72.0	7,354,313	134,469	69,316,341	515	6,931,634
1902	144,733	7,765,501	53.7	7,312,514	136,725	71,740,204	525	7,174,020
1901	154,155	10,869,982	70.5	7,717,687	145,909	68,287,467	468	6,828,747
1900	163,754	12,885,863	78.7	5,605,351	156,583	59,330,395	379	5,933,040
1899	168,148	11,960,020	71.1	6,538,144	153,440	58,078,390	379	5,807,839
1898	169,946	8,615,175	50.7	6,332,154	151,601	64,727,882	427	6,472,788
1897	169,333	9,660,478	57.1	6,424,218	149,336	68,297,148	457	6,829,715
1896	178,965	12,783,286	71.4	5,582,035	148,234	69,814,841	471	6,981,484
1895	184,647	17,634,530	95.5	5,936,959	151,806	63,496,702	418	6,349,670
1894	167,253	10,297,878	61.6	6,075,748	147,657	61,694,487	418	6,169,449
1893	142,601	7,746,727	54.3	5,099,929	136,604	56,975,355	417	5,697,535
1892	145,703	7,373,890	50.6	6,194,068	129,627	63,541,641	490	6,354,164
1891	160,218	14,433,532	90.1	7,842,219	126,075	68,853,452	546	6,885,345
1890	158,094	10,536,670	66.6	7,779,575	111,055	47,040,563	424	4,704,056
1889	145,812	8,613,317	59.1	6,531,766	111,103	37,021,260	333	3,702,126
1888	153,915	13,364,164	86.8	7,060,733	113,188	47,640,237	421	4,764,024
1887	140,283	6,406,800	45.7	6,705,784	105,322	31,413,456	298	3,141,346
1886	140,143	9,607,415	68.6	7,189,548	98,931	47,061,053	476	4,706,105
1885	159,741	12,654,686	79.2	8,668,460	102,303	41,137,735	402	4,113,774
1884	168,757	16,527,757	97.9	11,018,504	104,190	44,406,363	426	4,440,636
1883	166,823	9,840,469	59.0	10,168,485	98,429	29,879,354	304	2,987,935
1882	160,700	11,059,287	68.8	11,796,573	78,823	35,359,331	448	3,535,933
Annual Averages:								
1932–1941	147,844	8,575,588	58.0	7,807,077	61,211	23.585,813	385	2,970,830
1922–1931	164,084	11,063,276	67.4	13,381,714	70,298	27,629,103	393	5,093,077
1912–1921	159,117	10,796,280	67.9	16,211,660	89,869	38,378,214	427	6,596,924
1902–1911	153,092	10,413,091	68.0	8,928,246	123,855	54,987,697	444	5,498,770
1882–1941	157,339	10,522,571	66.9	10,159,248	99,543	41,831,089	420	5,133.362

STATISTICS OF FARM CROPS

Alfalfa and Hay and Clover

The following table gives the area, produce and market value of Alfalfa for the years 1912 to 1941, and of Hay and Clover for the years 1882 to 1941, together with the annual averages for the various periods of ten years and the average for the whole period.

Years	Alfalfa				Hay and Clover			
	Acres	Tons	Per acre	Market value	Acres	Tons	Per acre	Market value
				$				$
1941	751,000	1,577,000	2.10	17,079,000	†2,447,000	3,303,000	1.35	34,600,000
1940	715,000	1,895,000	2.65	13,511,000	†2,389,000	4,374,000	1.83	28,686,000
1939	672,722	1,568,000	2.33	12,403,000	†2,400,149	4,067,000	1.69	30,950,000
1938	643,075	1,527,824	2.38	11,076,733	†2,440,625	4,166,076	1.71	28,850,043
1937	646,657	1,664,219	2.57	12,162,141	†2,474,861	4,190,574	1.69	29,923,850
1936	666,374	1,519,010	2.28	13,276,250	†2,510,329	3,936,141	1.57	34,612,053
1935	588,911	1,519,349	2.58	11,499,393	†2,529,452	4,603,677	1.82	32,593,451
1934	510,215	934,035	1.83	12,559,686	†2,618,811	2 775,995	1.06	35,032,423
1933	560,518	1,300,039	2.32	10,023,129	†2,769,610	4,127,139	1.49	34,708,446
1932	527,793	1,403,923	2.66	11,527,009	†2,780,349	4,420,718	1.59	32,005,889
1931	431,110	971,304	2.25	9,816,770	†2,858,923	4,615,372	1.61	38,906,045
1930	641,686	1,409,528	2.20	16,065,846	†2,849,702	4,353,094	1.53	45,365,729
1929	685,880	1,596,212	2.33	19,546,701	†2,915,221	4,661,660	1.60	52,573,554
1928	743,230	1,730,135	2.33	20,020,248	†2,811,076	4,455,615	1.59	50,026,378
1927	806,397	1,865,868	2.31	21,915,225	†2,832,813	4,914,515	1.73	54,161,232
1926	748,473	1,850,392	2.47	25,889,781	†2,889,143	4,248,048	1.47	54,154,454
1925	550,645	1,397,462	2.54	19,306,047	†3,022,507	4,181,206	1.38	50,738,655
1924	381,258	1,067,717	2.80	12,252,536	3,545,856	5,615,238	1.58	61,283,373
1923	299,610	788,431	2.63	8,915,438	3,596,484	5,799,422	1.61	64,069,155
1922	221,326	629,135	2.84	7,439,403	3,575,662	5,568,459	1.56	66,964,036
1921	177,205	456,378	2.58	8,023,795	3,551,655	3,954,166	1.11	76,193,216
1920	162,820	399,581	2.45	10,172,434	3,533,740	4,459,094	1.26	109,036,159
1919	146,790	314,419	2.14	7,293,462	3,508,266	5,588,804	1.59	126,750,915
1918	144,010	328,971	2.28	6,579,420	3,470,036	4,596,854	1.32	83,344,591
1917	189,109	462,956	2.45	5,460,205	3,358,579	6,156,340	1.83	72,705,998
1916	177,565	460,788	2.60	4,822,622	3,294,419	6,739,259	2.05	71,503,879
1915	165,284	428,739	2.59	6,044,599	3,066,468	3,825,024	1.25	55,660,170
1914	163,685	372,759	2.28	5,195,667	3,251,799	3,469,795	1.07	50,721,713
1913	167,707	380,606	2.27	5,090,267	3,261,139	3,543,957	1.09	46,212,298
1912	189,959	460,201	2.42	5,542,772	3,177,410	4,760,512	1.50	55,906,657
1911	....	....	....	....	3,301,468	4,238,362	1.28	55,767,671
1910	....	....	....	....	3,204,021	5,492,653	1.71	54,407,105
1909	....	....	....	....	3,228,445	3,885,145	1.20	49,754,078
1908	....	....	....	....	3,253,141	4,635,287	1.42	47,696,579
1907	....	....	....	....	3,289,552	3,891,863	1.18	58,806,050
1906	....	....	....	....	3,069,917	4,684,625	1.53	42,630,087
1905	....	....	....	....	3,020,365	5,847,494	1.94	45,142,654
1904	....	....	....	....	2,926,207	5,259,189	1.80	41,915,736
1903	....	....	....	....	2,783,565	4,336,562	1.56	34,432,302
1902	....	....	....	....	2,646,202	4,955,438	1.87	40,386,820
1901	....	....	....	....	2,557,263	4,632,317	1.81	37,012,213
1900	....	....	....	....	2,526,566	3,133,045	1.24	26,568,222
1899	....	....	....	....	2,505,422	3,498,705	1.40	27,010,003
1898	....	....	....	....	2,453,503	4,399,063	1.79	27,362,172
1897	....	....	....	....	2,341,488	3,811,518	1.63	27,366,699
1896	....	....	....	....	2,426,711	2,260,240	.93	21,879,123
1895	....	....	....	....	2,537,674	1,849,914	.73	22,753,942
1894	....	....	....	....	2,576,943	3,575,200	1.39	27,028,512
1893	....	....	....	....	2,766,894	4,963,557	1.79	37,921,575
1892	....	....	....	....	2,515,367	4,384,838	1.74	35,955,672
1891	....	....	....	....	2,549,975	2,392,798	.94	28,498,224
1890	....	....	....	....	2,462,002	4,305,915	1.75	34,232,024
1889	....	....	....	....	2,386,223	3,728,313	1.56	37,208,564
1888	....	....	....	....	2,292,638	2,009,017	.88	33,570,674
1887	....	....	....	....	2,280,643	3,093,610	1.36	35,947,748
1886	....	....	....	....	2,295,151	2,994,446	1.35	29,016,182
1885	....	....	....	....	2,268,091	3,252,155	1.43	32,033,727
1884	....	....	....	....	2,193,369	3,044,912	1.39	29,109,359
1883	....	....	....	....	2,350,969	4,115,535	1.75	37,122,126
1882	....	....	....	....	1,825,890	2,090,626	1.14	24,125,824
Annual Averages								
1932–1941	628,227	1,490,840	2.37	12,511,734	2,536,019	3,996,732	1.57	32,196,216
1922–1931	550,962	1,330,618	2.42	16,116,800	3,141,888	4,946,462	1.57	54,824,511
1912–1921	168,413	406,540	2.41	6,422,524	3,347,351	4,709,381	1.41	74,803,560
1902–1911	....	....	....	....	*3,072,288	4,722,662	1.54	47,093,908
1882–1941	‡449.200	10,759,994	2.40	11,683,687	2,809,446	4,143,262	1.47	44,848,367

*Including Alfalfa. †Exclusive of Alsike and Sweet Clover, previously included. ‡1912-41

STATISTICS OF FARM CROPS

Mangels and Field Crops

The following table gives the area, produce and market value of Mangels and all Field Crops for the years 1882 to 1941, together with the annual averages for the various periods of ten years and the average for the whole period.

Years	Mangels				All Field Crops		
	Acres	Bushels	Per acre	Market value	Acres	Value	Per acre
				$		$	$ c.
1941	19,600	7,958,000	406	1,114,000	8,688,300	163,539,600	18.82
1940	36,400	16,398,000	450	1,804,000	9,118,600	138,374,000	15.17
1939	36,228	16,044,000	442	1,925,000	9,085,758	150,288,000	16.54
1938	35,673	15,503,275	435	1,860,393	9,088,014	126,158,324	13.88
1937	33,202	14,130,612	426	1,695,673	9,043,201	150,203,348	16.61
1936	32,408	12,941,428	399	1,811,800	9,119,007	162,333,522	17.80
1935	33,829	12,787,436	378	1,534,492	9,106,295	131,260,274	14.41
1934	33,079	13,826,991	418	1,935,779	8,999,999	143,755,962	15.97
1933	32,071	10,785,774	336	1,294,293	9,194,940	124,679,714	13.56
1932	31,797	12,781,446	402	1,022,515	9,225,680	114,150,521	12.37
1931	32,399	11,855,500	366	1,185,550	9,176,062	125,219,586	13.65
1930	29,055	10,626,135	366	2,125,227	10,009,097	173,498,548	17.33
1929	30,395	9,728,083	320	1,945,617	10,020,294	236,651,277	23.62
1928	33,567	14,738,443	439	2,947,689	10,357,960	244,445,136	23.60
1927	34,665	13,494,700	389	2,496,520	10,305,045	256,627,042	24.90
1926	34,009	13,548,484	398	2,709,697	10,434,401	257,686,886	24.70
1925	35,385	14,881,069	421	2,678,592	10,364,317	261,490,292	25.23
1924	35,958	15,616,128	434	2,654,742	10,264,614	264,370,642	25.76
1923	35,118	14,865,791	423	2,973,158	10,296,961	219,114,500	21.28
1922	35,274	16,366,353	464	3,273,271	10,258,613	223,342,150	21.77
1921	31,225	11,909,854	381	3,275,210	10,075,073	222,177,881	22.05
1920	36,450	17,174,290	471	4,722,930	10,108,272	367,608,619	36.37
1919	35,010	13,409,270	383	3,687,549	9,915,884	397,238,400	40.06
1918	40,714	18,244,453	448	4,561,113	9,992,825	363,909,778	36.42
1917	49,148	19,492,626	397	3,898,525	9,718,259	333,353,438	34.30
1916	42,793	9,756,015	228	1,365,842	9,548,876	223,748,948	23.43
1915	50,799	25,356,323	498	2,028,506	9,762,951	210,674,415	21.58
1914	50,663	25,439,520	502	2,035,162	9,621,444	199,152,945	20.70
1913	54,568	21,935,847	402	1,754,868	9,541,537	168,455,253	17.65
1912	60,103	27,671,114	460	2,213,689	9,574,474	185,790,341	19.40
1911	64,855	28,126,313	434	2,250,105	9,718,741	179,974,358	18.52
1910	68,966	34,686,137	503	2,774,891	9,725,684	175,115,742	18.01
1909	70,488	28,928,347	410	2,314,267	9,578,323	167,966,577	17.54
1908	67,937	29,870,966	440	2,389,677	9,621,683	164,077,282	17.05
1907	68,644	30,260,315	441	2,420,825	9,750,615	176,354,759	18.09
1906	69,352	32,863,192	474	2,629,055	8,962,925	144,570,075	16.13
1905	69,035	33,216,930	481	2,657,354	8,897,898	142,804,431	16.05
1904	71,344	33,595,440	471	2,687,635	8,673,525	134,304,690	15.48
1903	80,918	41,768,239	516	3,341,459	8,731,405	136,657,807	15.65
1902	76,553	39,140,924	511	3,131,274	8,677,988	146,421,171	16.87
1901	61,095	29,683,324	486	2,374,666	8,667,512	128,325,648	14.81
1900	54,543	24,728,525	453	1,978,282	8,794,953	114,758,761	13.05
1899	53,401	20,898,387	391	1,671,871	8,753,926	105,771,321	12.08
1898	47,923	21,957,564	458	1,756,605	8,835,272	110,528,947	12.51
1897	41,175	18,103,387	440	1,448,271	8,701,705	106,952,471	12.29
1896	36,101	16,849,401	467	1,347,952	8,511,444	88,900,135	10.44
1895	34,383	15,961,502	464	1,276,920	8,321,173	99,655,895	11.98
1894	27,670	11,532,127	417	922,570	8,227,153	94,055,392	11.43
1893	21,519	8,582,568	399	686,605	8,054,612	101,886,557	12.65
1892	22,026	10,350,474	470	828,038	8,080,206	110,562,493	13.68
1891	22,961	11,779,448	513	942,356	7,834,213	130,866,023	16.70
1890	25,953	11,594,518	447	927,561	7,912,297	114,382,305	14.46
1889	21,211	7,223,478	341	577,878	7,758,583	106,500,799	13.73
1888	21,459	10,020,659	467	801,653	7,616,350	124,244,503	16.31
1887	17,924	5,695,761	318	455,661	7,429,084	99,583,524	13.40
1886	18,170	8,787,743	484	703,019	7,403,281	104,001,865	14.05
1885	16,435	7,660,729	466	612,858	7,350,443	110,068,586	14.97
1884	18,341	8,655,184	472	692,415	7,203,958	120,615,798	16.74
1883	17,219	6,252,015	363	500,161	7,542,623	114,754,141	15.21
1882	15,792	7,711,420	488	616,913	7,125,223	136,939,533	19.22
Annual Averages:							
1932–1941	32,429	13,315,696	411	1,599,795	9,066,979	140,474,327	15.49
1922–1931	33,583	13,572,069	404	2,499,006	10,148,736	225,244,606	22.19
1912–1921	45,147	19,038,931	422	2,954,339	*9,785,960	*267,211,002	27.31
1902–1911	70,809	33,245,680	470	2,659,654	9,233,879	156,824,689	16.98
1882–1941	40,250	17,595,866	437	1,970,837	9,041,326	168,848,343	18.67

*Including Flax, 1918–1921.

No statistics of "mixed grains" were taken previous to 1907, when an acreage of 443,100

STATISTICS OF FARM CROPS

The following table gives the area in Cleared Pasture, Summer Fallow, Orchards and Small Fruits, for the years 1909 to 1941. Strawberries and Vineyard for the years 1925–1941.

Years	Pasture (cleared)	Summer fallow	Orchard	Small fruits	Strawberries	Vineyard
	acres	acres	acres	acres	acres	acres
1941	2,701,000	179,500	177,000	13,700	8,800	14,300
1940	2,712,000	181,800	180,300	13,800	9,600	14,600
1939	2,749,462	188,117	182,230	13,721	9,261	14,898
1938	2,793,291	190,542	184,083	13,832	9,145	14,774
1937	2,782,811	208,486	185,473	13,509	8,691	15,311
1936	2,828,310	197,420	184,218	13,549	8,962	15,318
1935	2,831,416	189,883	186,112	13,380	8,861	14,871
1934	2,908,275	210,525	196,612	13,126	8,253	15,106
1933	2,995,468	215,126	197,246	13,547	8,565	15,328
1932	3,012,529	221,696	203,794	14,059	8,719	15,189
1931	3,039,026	221,174	203,231	14,206	8,012	15,793
1930	3,149,460	247,067	212,232	12,376	7,286	11,586
1929	3,134,614	247,802	214,370	12,367	7,613	11,255
1928	3,000,172	211,015	207,003	12,733	7,773	8,855
1927	3,012,786	212,906	211,225	13,437	7,836	7,905
1926	3,077,424	189,488	215,779	13,672	7,274	7,545
1925	3,193,941	162,649	223,343	14,147	7,185	6,558
1924	3,317,532	179,527	229,708	27,315	....	....
1923	3,472,642	186,123	235,349	27,497	....	....
1922	3,401,033	198,841	239,914	27,242	....	....
1921	3,401,998	260,277	242,921	26,175	....	....
1920	3,432,620	216,377	248,395	25,635	....	....
1919	3,499,802	276,337	257,006	25,244	....	....
1918	3,561,754	248,463	265,678	24,596	....	....
1917	3,509,945	232,679	280,326	21,964	....	....
1916	3,409,581	331,736	280,653	22,817	....	....
1915	3,350,420	226,217	288,825	23,443	....	....
1914	3,302,503	268,714	298,627	23,863	....	....
1913	3,120,146	268,487	306,764	24,360	....	....
1912	3,082,671	278,317	310,096	24,699	....	....
1911	3,116,768	279,220	303,188	25,360	....	....
1910	3,159,712	254,038	298,347	24,384	....	....
1909	3,180,780	231,707	300,364	24,614	....	....

1909–1924 Strawberries and Vineyard included in Small Fruits.

STATISTICS OF FARM CROPS

ALSIKE AND SWEET CLOVER

The following table gives the area, produce and market value of Alsike and Sweet Clover for the years 1925 to 1941.

Years	Alsike				Sweet Clover			
	Acres	Tons	Per acre	Market value	Acres	Tons	Per acre	Market value
				$				$
1941	80,000	87,000	1.09	835,000	210,000	370,000	1.76	2,353,000
1940	71,700	108,000	1.50	665,000	238,700	539,000	2.26	2,382,000
1939	82,297	108,000	1.31	751,000	239,370	507,000	2.12	2,618,000
1938	95,405	130,834	1.37	779,778	233,594	496,328	2.12	2,451,863
1937	55,867	76,268	1.37	515,752	191,360	393,800	2.06	1,900,548
1936	78,570	102,277	1.30	711,660	309,407	598,902	1.94	2,977,973
1935	59,071	90,969	1.54	559,749	289,956	693,022	2.39	2,966,209
1934	67,386	73,503	1.09	844,704	284,224	502,960	1.77	4,728,875
1933	92,306	125,844	1.36	882,624	303,072	630,039	2.08	3,244,726
1932	95,113	143,668	1.51	918,106	318,552	705,119	2.21	3,701,809
1931	97,128	152,516	1.57	1,276,341	306,067	669,446	2.19	4,519,783
1930	141,480	206,020	1.46	2,010,571	338,234	704,281	2.08	5,363,894
1929	189,848	289,560	1.53	2,958,780	388,106	803,576	2.07	6,595,169
1928	155,867	235,325	1.51	2,457,119	413,468	924,608	2.24	7,067,707
1927	176,870	290,345	1.64	2,991,247	400,296	927,342	2.32	7,075,797
1926	129,477	179,664	1.39	2,217,556	365,102	810,852	2.22	7,222,221
1925	177,382	259,649	1.46	2,855,850	344,114	792,340	2.30	7,144,050

STATISTICS OF FARM CROPS

Ratios of Area under Crop

The following table shows the number of acres under the various crops per 1,000 acres of cleared land for the years 1882 to 1941, together with the annual averages for the various periods of ten years and for the whole term of years.

Year	Fall Wheat	Spring Wheat	Barley	Oats	Peas	Beans	Rye	Buckwheat	Corn	Potatoes	*Roots	Hay and Clover	Mixed Grains
1941	37.3	3.0	24.0	129.6	2.4	6.2	4.9	7.7	35.6	7.9	4.0	161.4	7.67
1940	50.8	4.5	32.7	147.6	3.6	5.6	5.3	11.9	34.4	9.6	6.4	156.4	59.9
1939	48.2	5.4	34.3	149.2	3.4	4.1	5.0	11.0	34.0	9.3	9.1	157.5	60.0
1938	48.4	5.7	35.5	147.7	3.4	3.9	4.8	12.0	32.8	9.5	8.3	159.3	58.0
1937	46.9	6.1	36.3	147.8	3.8	3.7	4.9	12.7	31.5	9.8	8.3	161.5	58.1
1936	33.5	6.4	34.1	154.2	4.4	3.7	3.5	12.9	31.0	9.5	8.8	165.0	62.6
1935	36.5	6.5	34.4	156.2	4.5	3.7	3.9	12.3	32.4	9.8	9.1	166.2	60.9
1934	28.0	6.4	32.0	157.5	4.5	3.3	3.7	14.1	31.9	10.8	9.1	172.6	62.0
1933	36.8	6.4	30.4	152.4	3.9	3.4	3.6	13.6	27.8	10.4	8.7	182.3	62.3
1932	35.3	6.6	30.1	154.1	3.9	4.1	3.8	13.0	27.4	10.3	8.8	183.2	65.0
1931	34.6	6.5	28.8	153.5	3.9	5.0	4.1	11.8	25.6	11.1	9.2	188.3	66.7
1930	44.6	6.5	40.2	162.6	5.3	4.4	3.5	18.1	29.1	10.5	9.4	187.7	63.1
1929	45.6	7.0	41.0	154.0	5.2	4.2	3.4	19.4	26.9	9.8	9.3	192.2	58.9
1928	45.8	7.2	40.6	175.5	7.3	3.4	4.4	17.9	27.0	12.0	10.1	185.5	59.8
1927	49.6	7.9	34.0	177.7	7.0	3.1	4.8	16.5	28.4	10.6	9.5	187.1	52.8
1926	53.4	7.6	29.7	187.3	6.5	3.4	5.7	15.5	36.2	10.2	9.8	191.1	51.0
1925	49.5	7.5	28.9	187.9	8.8	4.0	6.5	17.1	38.5	10.8	9.8	234.7	45.1
1924	47.9	6.7	29.1	191.7	8.7	3.5	8.4	15.9	44.2	11.2	9.6	235.1	42.8
1923	47.6	7.4	30.1	197.1	7.8	2.7	8.2	15.3	46.2	10.9	8.3	238.9	43.1
1922	54.2	8.3	28.9	202.1	7.0	2.7	10.2	13.2	46.9	11.5	8.4	238.1	36.8
1921	41.4	10.2	30.8	206.1	7.1	1.8	8.2	9.9	45.9	10.9	8.8	236.5	41.2
1920	51.0	17.9	32.4	192.5	7.3	1.5	8.9	9.6	46.3	10.5	10.4	247.1	38.9
1919	41.6	24.2	38.2	179.5	8.5	1.5	9.4	12.0	41.7	10.6	9.9	245.3	42.2
1918	24.5	23.8	44.6	197.6	7.7	6.8	7.6	15.1	38.9	11.2	10.3	244.2	41.9
1917	39.8	12.4	37.4	187.6	6.1	7.5	9.0	10.4	52.3	10.0	11.4	240.9	35.0
1916	47.9	9.8	35.9	183.0	6.5	3.7	10.1	15.6	47.5	9.5	10.8	236.2	33.1
1915	55.5	11.1	37.8	196.4	8.7	4.3	11.9	13.2	51.5	11.9	11.9	221.0	32.5
1914	47.0	8.1	39.7	190.2	12.2	3.5	9.5	12.1	48.6	11.5	11.5	234.0	31.3
1913	44.5	8.0	43.0	186.0	12.2	4.6	8.2	15.7	47.4	11.0	12.0	236.2	28.5
1912	52.6	8.5	44.8	180.1	15.3	4.8	7.4	14.3	47.0	11.0	12.8	233.1	31.0
1911	58.2	9.3	42.9	187.7	21.2	3.6	6.9	13.1	44.8	11.3	13.4	229.6	33.8
1910	51.9	9.0	43.7	192.5	28.2	3.5	6.6	13.6	45.2	11.8	14.5	223.7	34.8
1909	46.5	9.5	48.8	189.0	26.7	3.2	6.6	12.4	42.9	11.9	14.5	226.5	33.3
1908	48.1	10.1	51.9	196.3	28.1	3.3	6.2	9.9	37.7	11.8	14.9	230.2	32.3
1907	47.9	10.2	54.3	207.7	24.1	3.4	4.8	8.0	38.2	12.6	15.1	233.0	31.4
1906	55.8	12.2	53.6	192.6	29.1	3.6	5.7	7.5	33.3	9.7	14.7	217.6	....
1905	57.2	13.6	55.5	191.5	26.9	3.6	7.3	7.3	34.4	9.5	15.1	216.8	....
1904	43.8	16.3	55.9	192.2	24.6	3.7	9.5	7.3	37.9	9.7	15.3	211.9	....
1903	48.8	18.2	52.0	193.4	29.9	3.9	13.1	7.0	43.2	10.2	16.4	204.0	....
1902	55.2	22.3	48.8	184.3	39.2	4.0	13.9	6.9	42.9	10.7	16.3	195.0	....
1901	67.8	26.6	47.4	179.3	44.9	4.0	11.8	6.6	38.8	11.5	16.1	190.3	....
1900	80.4	28.3	43.4	180.4	49.8	3.3	10.7	7.7	38.4	12.3	16.7	190.0	....
1899	80.1	30.4	37.4	180.3	56.7	3.1	10.5	10.1	38.6	12.8	16.6	191.1	....
1898	80.7	30.0	33.8	182.9	66.6	3.4	12.7	11.5	40.1	13.1	16.4	188.8	....
1897	73.9	25.2	35.1	189.3	69.8	3.9	14.6	11.8	42.3	13.2	15.7	182.2	....
1896	69.2	20.2	36.5	191.4	65.5	5.4	11.7	11.5	39.2	14.1	15.4	191.5	....
1895	59.8	18.0	38.5	191.0	64.4	5.8	9.7	10.9	36.4	14.9	16.0	204.2	....
1894	63.4	18.7	39.6	190.6	63.9	4.8	7.3	11.8	30.8	13.6	15.2	209.6	....
1893	75.5	29.4	38.6	159.9	61.0	4.0	5.6	11.0	25.9	11.8	13.9	228.4	....
1892	80.6	54.3	41.7	155.3	64.6	2.8	6.1	10.4	22.8	12.2	13.4	209.8	....
1891	72.0	43.3	46.9	156.0	63.8	3.5	5.7	9.1	20.4	13.6	13.4	216.1	....
1890	61.8	51.6	60.2	161.5	67.0	3.4	8.8	7.7	19.2	13.6	12.7	211.2	....
1889	71.6	34.7	76.3	167.6	61.7	1.9	7.9	4.9	16.3	12.7	12.5	208.0	....
1888	73.2	32.5	79.2	163.6	61.6	2.0	7.4	5.1	19.7	13.6	12.9	202.8	....
1887	80.8	43.6	69.1	151.5	65.4	1.9	6.2	5.8	14.7	12.6	11.9	205.3	....
1886	81.0	52.8	67.3	148.3	64.4	1.9	6.2	6.5	14.3	12.8	11.5	209.8	....
1885	80.6	73.6	55.1	142.2	59.5	2.3	7.2	5.7	15.5	14.7	11.7	208.9	....
1884	80.5	67.2	65.2	138.0	53.2	2.3	9.6	6.7	16.3	15.7	12.4	204.3	....
1883	104.1	55.6	71.8	134.6	51.5	2.5	17.8	6.4	20.3	15.8	12.0	223.1	....
1882	116.8	57.7	83.4	136.4	55.1	1.9	18.2	4.9	20.3	15.8	10.3	179.5	....
Annual Averages:													
1932–1941	40.2	5.7	32.4	149.6	3.8	4.2	4.3	12.1	31.9	9.7	6.1	166.5	62.6
1922–1931	47.3	7.3	33.1	178.9	6.7	3.6	5.9	16.1	34.9	10.9	9.3	207.8	52.0
1912–1921	44.5	13.4	38.4	189.9	9.1	4.0	9.0	12.9	46.6	10.0	11.0	237.5	35.6
1902–1911	51.3	13.0	50.7	192.8	27.7	3.6	8.0	9.4	40.1	10.9	15.8	219.0	†33.1
1882–1941	54.7	18.1	42.4	175.4	25.6	3.7	7.6	11.4	35.1	11.4	10.1	203.4	‡47.9

*Mangels and turnips. †1907–1911. ‡1907–1941.

STATISTICS OF FARM CROPS

MARKET PRICES

The following table gives the average Market Prices of Agricultural Products for the years 1882 to 1941, together with the annual averages for the various periods of ten years and for the whole term of years.

Years	Fall Wheat per bush.	Spring Wheat per bush.	Oats per bush.	Barley per bush.	Peas per bush.	Beans per bush.	Rye per bush.	Buckwheat per bush.	Corn (shelled) per bush.	Hay per ton	Potatoes per cwt.
	cents	cents	cents	cents	cents	$ c.	cents	cents	cents	$ c.	cents
1941	94.0	90.0	44.0	56.0	187.0	1.65	66.0	58.0	74.0	10.48	120.0
1940	63.0	65.0	32.0	44.0	187.0	1.75	50.0	46.0	55.0	6.56	111.0
1939	64.0	66.0	34.0	46.0	177.0	2.25	58.0	52.0	55.0	7.61	113.0
1938	56.0	58.0	27.9	40.8	150.0	1.00	43.5	41.1	43.0	6.92	77.8
1937	103.9	102.4	42.1	58.5	156.0	1.07	78.0	59.6	60.5	7.14	60.4
1936	109.0	108.0	48.0	80.0	155.0	2.02	84.0	69.0	68.0	8.79	135.0
1935	71.0	73.0	28.0	40.0	95.0	1.45	40.0	40.0	45.0	7.08	100.0
1934	88.0	85.0	35.0	50.0	85.0	1.27	55.0	47.0	65.0	12.62	55.0
1933	66.0	67.0	33.0	41.0	80.0	.92	51.0	42.0	56.0	8.41	100.0
1932	46.0	45.0	25.0	36.0	65.0	.49	37.0	35.0	45.0	7.24	69.0
1931	51.6	50.9	25.0	36.5	62.6	.58	41.9	42.3	39.8	8.43	39.3
1930	66.3	65.5	29.7	35.9	104.8	1.44	48.5	51.7	69.3	10.42	99.5
1929	124.0	125.2	62.4	76.5	163.0	3.03	97.1	83.2	100.2	11.28	180.0
1928	122.0	119.2	55.5	74.2	152.8	3.83	95.2	81.5	102.2	11.23	93.0
1927	124.7	122.1	57.3	77.6	149.8	2.35	95.3	77.9	99.5	11.02	147.0
1926	125.1	125.1	51.8	68.0	150.6	2.34	87.2	77.0	80.3	12.75	188.2
1925	133.6	133.0	45.2	68.1	135.5	2.11	87.1	73.2	88.6	11.61	228.2
1924	133.9	137.0	54.2	82.2	151.1	2.29	107.5	86.7	105.3	10.91	89.2
1923	96.2	96.3	45.4	62.8	144.8	2.43	73.7	73.2	75.5	11.05	124.7
1922	104.6	105.1	43.5	61.3	140.3	2.54	78.4	73.5	69.9	12.03	85.0
1921	110.5	109.4	50.4	65.7	153.0	2.35	82.6	74.0	59.1	19.27	147.0
1920	193.4	183.8	58.2	93.8	193.3	2.88	142.0	105.5	99.6	24.25	165.3
1919	237.2	240.9	97.7	145.8	263.9	4.00	159.1	140.7	162.3	22.68	275.3
1918	210.9	208.6	75.0	103.6	217.7	4.49	151.7	135.0	157.4	18.13	165.5
1917	209.8	209.7	77.9	125.7	321.0	6.91	162.6	142.9	186.0	11.81	205.3
1916	161.3	162.2	66.0	101.9	210.5	5.46	118.8	109.0	111.5	10.60	216.8
1915	97.1	98.6	39.5	56.0	161.6	3.11	78.9	71.5	68.1	14.51	135.7
1914	109.1	107.9	49.5	64.3	136.6	2.14	84.9	71.5	68.6	14.55	73.3
1913	85.0	87.9	36.9	55.5	100.6	1.70	66.2	63.5	64.5	13.07	106.2
1912	91.7	90.0	38.6	58.7	110.3	1.93	70.0	54.5	55.8	11.77	106.2
1911	86.6	90.7	44.2	73.9	98.2	1.90	84.9	60.4	66.3	13.16	140.3
1910	86.6	89.6	35.0	52.0	80.7	1.55	63.2	50.0	56.0	9.91	82.0
1909	102.3	100.6	39.5	54.8	84.6	1.61	67.4	53.4	64.4	12.81	60.8
1908	89.2	90.8	40.3	52.4	82.7	1.48	69.7	54.2	60.0	10.25	79.8
1907	92.7	86.4	48.8	59.4	78.0	1.52	69.4	57.4	42.6	15.11	97.2
1906	70.7	68.9	34.0	45.0	70.6	1.39	60.9	49.5	56.4	9.10	89.7
1905	76.5	74.9	33.6	42.9	65.3	1.32	56.8	50.0	55.4	7.72	76.7
1904	98.7	94.2	32.3	43.7	63.0	1.22	57.6	48.6	56.1	7.97	84.5
1903	75.1	74.4	29.3	42.1	64.3	1.41	48.6	44.3	55.4	7.94	73.5
1902	70.7	69.6	34.8	45.1	71.0	1.35	50.5	48.0	60.9	8.15	94.3
1901	66.1	66.8	36.2	45.0	65.3	1.25	49.3	48.4	57.0	7.99	71.0
1900	66.4	67.5	26.5	38.9	57.1	1.00	48.5	43.7	47.6	8.48	43.5
1899	66.7	66.5	27.7	39.5	57.3	1.08	50.0	45.5	29.7	7.72	54.7
1898	69.4	69.2	25.8	38.0	52.2	.70	43.5	38.2	30.2	6.22	73.5
1897	78.2	78.6	22.6	27.0	42.1	.65	37.7	30.0	29.6	7.18	66.5
1896	71.0	70.6	20.0	31.6	44.0	.68	36.6	30.5	29.4	9.68	43.5
1895	69.3	69.8	29.1	40.4	54.8	.95	45.6	36.8	33.9	12.30	33.7
1894	55.0	55.5	30.8	40.5	53.6	1.10	44.2	39.2	39.2	7.56	59.0
1893	59.9	59.4	33.2	40.1	54.0	1.18	47.5	41.8	39.8	7.64	65.8
1892	70.7	67.8	30.8	41.3	59.0	.99	55.8	42.2	39.5	8.20	84.0
1891	95.1	92.9	36.5	49.1	63.8	1.06	72.3	44.1	46.7	11.91	54.3
1890	94.2	91.3	41.1	50.2	60.3	1.29	52.7	43.0	45.8	7.95	74.0
1889	88.4	88.1	30.5	44.0	55.7	1.27	50.9	39.5	38.9	9.98	75.8
1888	102.4	99.3	40.5	60.1	65.4	1.14	60.2	49.3	44.0	16.17	52.8
1887	78.4	78.0	34.6	56.7	55.9	.98	49.5	45.0	43.1	11.62	104.7
1886	73.6	72.5	32.0	51.3	52.6	.84	52.2	33.7	41.4	9.69	74.8
1885	81.5	80.6	31.5	55.2	58.0	.80	55.2	39.2	41.9	9.85	68.5
1884	80.5	81.4	33.1	53.6	64.4	1.18	59.7	40.0	67.5	9.56	66.7
1883	105.0	107.0	38.0	57.0	71.0	......	62.0	......	......	9.02	103.3
1882	101.0	106.0	43.0	65.0	74.0	1.97	64.0	40.0	60.0	11.54	106.7
Annual Averages											
1932–1941	74.0	75.1	34.4	48.9	127.2	1.41	56.0	48.3	57.5	8.06	91.0
1922–1931	110.6	108.5	47.1	64.2	139.3	2.23	83.2	73.3	81.6	11.08	121.0
1912–1921	144.5	171.6	58.5	86.0	172.3	2.35	111.4	94.4	93.5	15.88	150.2
1902–1911	83.6	81.2	36.7	50.1	74.8	1.48	60.2	52.4	57.3	9.97	85.7
1882–1941	94.1	96.3	41.4	57.5	72.2	1.81	71.8	63.1	*63.4	10.82	96.5

*Average for 50 years, 1892-1941.

STATISTICS OF LIVE STOCK

Number of Live Stock on Hand

The following table gives the number of Horses, Cattle, Sheep, Swine and Poultry on hand in June of each year for the sixty years, 1882–1941.

Years	Horses	Cattle	Sheep	Swine	Poultry
	No.	No.	No.	No.	No.
1941	533,742	2,641,046	661,900	1,922,357	23,092,833
1940	559,863	2,518,350	694,600	1,997,957	22,901,148
1939	559,468	2,488,041	735,500	1,546,095	22,841,667
1938	560,711	2,492,258	762,000	1,430,309	22,420,047
1937	557,845	2,453,081	793,000	1,457,886	22,536,141
1936	562,916	2,474,194	819,100	1,408,308	22,958,383
1935	562,877	2,469,231	889,700	1,225,310	22,961,834
1934	563,657	2,494,471	920,500	1,177,913	22,802,578
1933	567,093	2,522,180	972,900	1,257,870	22,991,456
1932	578,615	2,528,615	1,025,400	1,375,115	22,929,143
1931	578,157	2,509,205	1,044,600	1,359,176	23,736,125
1930	606,719	2,675,488	1,134,457	1,661,556	22,560,260
1929	606,505	2,671,594	1,130,395	1,681,263	22,045,091
1928	609,249	2,682,053	1,014,106	1,833,538	19,703,576
1927	617,136	2,709,954	956,267	1,883,177	19,048,045
1926	629,659	2,757,799	886,483	1,735,355	17,693,000
1925	644,138	2,809,373	868,526	1,678,595	17,778,581
1924	663,875	2,917,302	870,279	1,807,903	16,751,345
1923	673,371	2,838,087	907,673	1,734,734	15,203,384
1922	685,852	2,836,181	986,617	1,553,434	13,964,317
1921	694,237	2,890,113	1,081,828	1,563,807	11,458,206
1920	704,640	2,881,827	1,129,084	1,614,356	11,005,645
1919	719,569	2,927,191	1,101,740	1,695,487	11,705,809
1918	732,977	2,867,722	972,341	1,656,386	12,281,105
1917	765,873	2,827,609	956,986	1,664,639	13,606,292
1916	775,732	2,734,767	908,066	1,735,254	14,377,844
1915	779,131	2,674,746	908,095	1,769,295	14,273,091
1914	774,544	2,604,628	922,375	1,770,533	14,175,214
1913	751,726	2,628,845	996,155	1,618,734	13,511,383
1912	742,139	2,624,780	1,021,848	1,702,652	13,024,938
1911	737,916	2,593,205	1,040,245	1,744,983	12,942,293
1910	724,384	2,567,128	1,065,101	1,561,042	12,460,787
1909	728,308	2,668,584	1,130,667	1,551,187	12,086,580
1908	726,471	2,824,859	1,143,898	1,818,763	12,285,613
1907	725,666	2,926,236	1,106,083	2,049,666	13,428,076
1906	688,147	2,963,618	1,304,809	1,819,778	10,254,824
1905	672,781	2,889,503	1,324,153	1,906,460	9,738,493
1904	655,554	2,776,304	1,455,482	2,008,984	9,412,683
1903	639,581	2,674,261	1,642,627	1,977,386	9,683,573
1902	626,106	2,562,584	1,715,513	1,684,635	9,762,808
1901	620,343	2,507,620	1,761,799	1,491,885	9,745,236
1900	617,309	2,429,330	1,797,213	1,771,641	9,541,241
1899	615,524	2,318,355	1,772,604	1,971,070	9,344,024
1898	611,241	2,215,943	1,677,014	1,640,787	9,084,273
1897	813,670	2,182,326	1,690,350	1,284,963	8,435,341
1896	624,749	2,181,958	1,849,348	1,269,631	7,734,167
1895	647,696	2,150,103	2,022,735	1,299,072	7,752,840
1894	674,777	2,099,301	2,015,805	1,142,133	7,552,662
1893	685,187	2,057,882	1,935,938	1,012,022	7,114,436
1892	688,814	2,029,140	1,850,473	996,974	7,078,973
1891	678,459	1,978,815	1,693,751	1,156,316	7,006,090
1890	659,636	1,894,712	1,339,695	1,140,559	6,854,864
1889	618,795	1,891,899	1,344,180	835,469	6,304,298
1888	596,218	1,928,638	1,349,044	819,079	6,164,114
1887	575,361	1,948,264	1,396,161	832,817	6,438,361
1886	569,649	2,018,173	1,610,949	860,125	6,968,915
1885	558,809	1,976,480	1,755,605	822,262	6,336,805
1884	535,953	1,925,670	1,890,733	916,158	6,237,606
1883	560,133	1,828,613	1,868,784	906,727	5,847,344
1882	503,604	1,586,312	1,915,303	850,226	5,352,120

VALUE OF LIVE STOCK ON HAND

The following table gives the value of Horses, Cattle, Sheep, Swine and Poultry on hand in June of each year for the sixty years, 1882–1941, except for the ten years, 1882–1891, when farm live stock was valued in bulk.

Years	Horses	Cattle	Sheep	Swine	Poultry	Total
	$	$	$	$	$	$
1941	45,633,501	119,265,685	5,117,342	19,580,527	11,230,889	200,827,944
1940	57,885,423	102,535,567	6,458,560	20,690,702	14,600,381	202,170,633
1939	63,494,747	90,905,107	5,666,615	17,066,957	14,448,250	191,581,676
1938	54,709,549	88,251,957	5,805,219	18,751,968	13,698,332	181,217,025
1937	57,286,273	93,360,874	6,088,540	15,462,386	13,989,813	186,187,886
1936	61,229,630	76,949,305	5,790,872	13,313,339	12,416,378	169,699,524
1935	57,946,376	72,031,320	5,488,972	12,348,955	11,987,918	159,803,541
1934	54,492,559	66,581,103	5,335,210	10,971,007	11,631,434	149,011,313
1933	49,889,016	69,379,352	5,533,134	8,732,796	12,036,762	145,571,060
1932	43,507,517	78,323,693	5,111,312	7,219,718	10,418,176	144,580,416
1931	50,528,572	91,834,417	6,652,107	11,987,324	10,729,925	171,732,345
1930	60,606,827	136,496,344	10,835,770	18,643,164	13,372,682	239,954,787
1929	66,603,793	150,480,760	12,457,554	20,430,803	13,473,814	263,446,724
1928	67,085,352	128,937,680	11,209,872	19,808,890	12,452,203	239,493,997
1927	66,724,527	117,162,152	10,433,761	24,159,535	12,333,645	231,145,720
1926	68,239,756	115,386,214	9,688,685	24,525,126	12,400,985	230,240,766
1925	69,787,791	115,844,069	9,576,722	24,424,238	13,527,454	233,160,274
1924	72,617,565	113,046,599	7,081,500	16,201,699	13,446,621	222,393,984
1923	74,542,351	109,467,066	6,597,087	19,018,668	12,401,083	222,026,255
1922	74,535,855	103,899,416	6,612,959	16,550,636	12,241,252	213,840,118
1921	75,680,750	103,861,565	8,207,564	19,205,488	11,168,318	218,123,685
1920	89,606,594	176,897,490	16,191,741	32,253,804	11,787,708	326,737,337
1919	92,823,683	184,041,594	18,128,240	33,263,051	11,351,364	339,607,932
1918	95,710,928	172,259,261	15,690,055	31,140,181	9,307,051	324,107,476
1917	99,439,558	150,309,828	9,946,030	21,464,366	8,517,195	289,676,977
1916	101,434,391	128,324,526	7,386,710	18,790,755	7,933,157	263,869,539
1915	107,982,037	115,363,336	6,403,907	17,562,726	7,670,326	254,982,332
1914	112,576,793	106,635,148	6,155,451	17,951,258	7,551,428	250,870,078
1913	113,240,047	95,759,022	6,242,672	15,393,192	6,956,952	237,591,885
1912	109,000,214	90,403,902	6,181,595	14,141,908	6,121,323	225,848,942
1911	103,373,206	84,634,962	6,213,021	14,593,917	5,905,318	214,720,424
1910	92,757,431	76,872,723	6,127,018	13,265,834	5,393,031	194,416,037
1909	87,682,689	75,247,197	6,262,493	11,144,135	4,411,386	184,747,900
1908	85,847,391	77,255,267	6,336,265	12,135,979	4,439,854	186,014,756
1907	85,041,144	79,485,780	5,928,325	14,174,502	4,854,381	189,484,132
1906	79,814,953	80,303,276	6,721,119	12,770,708	3,697,338	183,307,394
1905	73,911,177	76,764,482	6,191,774	12,280,667	3,335,660	172,483,760
1904	68,138,228	72,821,003	6,425,100	12,921,743	3,077,029	163,383,103
1903	61,811,456	69,289,924	7,228,498	13,023,743	2,973,646	154,327,267
1902	55,173,637	63,517,342	7,634,284	11,262,265	2,957,286	140,544,814
1901	50,038,465	59,527,119	7,772,793	9,298,712	2,859,172	129,496,261
1900	46,916,999	56,320,810	7,711,496	9,598,153	2,727,363	123,274,821
1899	42,713,557	52,938,500	7,315,729	10,180,338	2,658,321	115,806,445
1898	38,659,896	47,286,254	6,499,695	8,720,242	2,578,136	103,744,223
1897	36,111,805	42,683,557	6,003,194	6,533,210	2,318,038	93,649,804
1896	37,185,692	44,383,638	6,652,202	6,505,227	2,130,807	96,857,566
1895	40,283,754	46,708,017	7,708,442	7,101,211	2,156,623	103,958,047
1894	46,245,614	47,577,587	8,606,671	6,909,262	2,208,518	111,547,652
1893	50,527,472	47,718,025	9,016,118	6,622,129	2,187,158	116,070,902
1892	55,812,920	45,548,475	8,569,557	5,479,093	2,091,450	117,501,495
1891	....	....	....	....	....	108,721,076
1890	....	....	....	....	....	104,086,626
1889	....	....	....	....	....	105,731,288
1888	....	....	....	....	....	102,839,235
1887	....	....	....	....	....	104,406,655
1886	....	....	....	....	....	107,208,935
1885	....	....	....	....	....	100,690,086
1884	....	....	....	....	....	103,106,829
1883	....	....	....	....	....	100,082,365
1882	....	....	....	....	....	80,540,720

VALUES PER HEAD OF LIVE STOCK AND POULTRY ON HAND FOR THE YEARS 1892 TO 1941

Years	Horses all Ages	Cattle		Sheep and Lambs	Swine all Ages	Poultry all Kinds
		Milch Cows	Other Cattle			
	$	$ c.	$ c.	$ c.	$ c.	$ c.
1941	85	65 20	29 89	7 73	10 19	49
1940	103	55 42	27 43	7 88	10 36	64
1939	113	49 42	24 86	6 69	11 04	63
1938	98	46 75	28 39	6 76	13 11	61
1937	103	47 96	28 92	6 96	10 60	62
1936	109	43 40	19 86	6 53	9 45	54
1935	103	40 56	18 71	5 80	10 08	52
1934	97	36 94	17 53	5 54	9 31	51
1933	88	38 41	17 87	5 73	6 94	52
1932	75	43 42	20 18	4 92	5 25	45
1931	87	52 79	22 49	6 37	8 81	45
1930	100	73 11	32 42	9 55	11 22	59
1929	110	80 34	35 61	11 02	12 15	61
1928	110	68 33	30 09	11 05	10 80	63
1927	108	60 92	27 05	10 91	12 83	65
1926	108	59 14	26 84	10 93	14 13	70
1925	108	58 55	27 70	11 03	14 55	76
1924	109	55 41	27 05	8 14	8 96	80
1923	111	55 24	25 14	7 27	10 96	82
1922	109	52 68	24 25	6 70	10 65	88
1921	109	51 56	24 77	7 59	12 28	97
1920	127	85 84	44 67	14 34	19 98	1 07
1919	129	88 71	46 37	16 45	19 62	97
1918	131	83 55	45 52	16 14	18 80	76
1917	130	75 54	39 55	10 39	12 89	63
1916	131	66 35	34 91	8 13	10 83	55
1915	139	60 83	32 18	7 05	9 93	54
1914	145	57 01	30 81	6 67	10 14	53
1913	151	50 56	27 29	6 27	9 51	51
1912	147	47 82	25 61	6 05	8 31	47
1911	140	45 31	24 07	5 97	8 36	46
1910	128	40 76	22 43	5 75	8 50	43
1909	120	38 19	21 45	5 54	7 18	37
1908	118	36 90	21 13	5 54	6 67	36
1907	117	36 43	21 15	5 36	6 92	36
1906	116	35 99	21 62	5 15	7 02	36
1905	110	35 06	21 29	4 68	6 44	34
1904	104	34 70	20 84	4 41	6 43	33
1903	97	34 15	20 58	4 40	6 59	31
1902	88	32 96	19 46	4 45	6 69	30
1901	81	31 74	18 57	4 41	6 23	29
1900	76	31 01	17 93	4 29	5 42	29
1899	69	30 31	17 41	4 13	5 16	28
1898	63	28 28	15 98	3 88	5 31	28
1897	59	26 13	14 58	3 55	5 08	27
1896	60	27 60	15 05	3 60	5 12	28
1895	62	29 74	16 08	3 81	5 47	28
1894	69	31 02	17 15	4 27	6 05	29
1893	74	31 63	17 78	4 66	6 54	31
1892	81	29 95	17 69	4 63	5 50	30

FORTIETH ANNUAL REPORT

OF THE

Temiskaming and Northern Ontario Railway Commission

ONTARIO GOVERNMENT RAILWAY
HONOURABLE MITCHELL F. HEPBURN, PREMIER

FOR THE YEAR ENDED
March 31st, 1941

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 23, 1942

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1942

Toronto,
February 5, 1942.

TO THE HONOURABLE ALBERT MATTHEWS,

Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to present to Your Honour the Fortieth Annual Report of the Temiskaming and Northern Ontario Railway Commission, for the year ending March 31st, 1941.

Respectfully submitted,

M. F. HEPBURN,

Prime Minister and President of the Council.

TEMISKAMING AND NORTHERN ONTARIO RAILWAY COMMISSION

North Bay, Ontario,
September 30th, 1941.

Honourable Mitchell F. Hepburn,
Premier, Province of Ontario,
Parliament Buildings,
Toronto, Ontario.

Sir:

I have the honour of submitting the Fortieth Annual Report of the Temiskaming and Northern Ontario Railway Commission and its Subsidiary, the Nipissing Central Railway Company, for the fiscal year ended March 31st, 1941.

RESULTS OF OPERATION

	Year Ended March 31st, 1941	Year Ended March 31st, 1940
Operating Revenue	$5,410,582.41	$5,457,400.54
Operating Expenses	3,619,106.25	3,748,728.78
Net Operating Revenues	$1,791,476.16	$1,708,671.76
Operating Ratio	66.89%	68.69%
Non-Operating Income	40,252.25	50,930.74
Gross Income	$1,831,728.41	$1,759,602.50
(a) Deductions from Gross Income	501,748.52	546,544.56
To Profit and Loss Account	$1,329,979.89	$1,213,057.94
(b) Adjustments—Net Debit	13,508.90	58,338.16
Net Profit for Year	$1,316,470.99	$1,154,719.78
Previous Surplus	4,626,808.20	3,472,088.42
Surplus—end of year	$5,943,279.19	$4,626,808.20

(A) Includes Hire of Freight Cars (debit balance); Joint Facility rents, Interest, etc.

(B) Includes amounts written off account Road and Equipment retired; doubtful accounts and similar items.

OPERATING REVENUES AND EXPENSES

As the result of innovations and economies the year under review shows a substantial increase in Net Operating Revenues, despite a decline in Gross Operating Revenues. Gross Operating Revenues decreased $46,818.13 or .86%. However, it is to be remarked that they exceeded every previous year with the exception of 1939-40. In the year 1939-40, as a direct result of the declaration of War, there was a very marked increase in revenues for the months September to December inclusive. With the exception of these months, however, the revenues for each month in 1940-41 show an increase over 1939-40. Reflecting the adjustment of our economy to the War effort, the Operating Revenues graph line for the current year describes a more even trend.

Despite this slight decline in Gross Revenues, the Net Revenues increased by $82,804.40 or 4.85%.

The improvement in Net position is the result of an Operating Ratio of 66.89%, as compared to 68.69% for the previous year. To produce this more favourable ratio Operating Expenses were reduced by $129,622.47, or 3.46%. Expenses for Maintenance of Equipment were reduced by $29,274.84, and for

Transportation by $69,706.54, despite an increase in the number of freight revenue tons of 165,902, and an increase in the mileage of revenue freight trains of 20,801. This reduction in operating Expenses can be attributed to more economical methods of operation and improvements in equipment.

Further operating economies have resulted from the elimination of some Passenger Schedules without impairment of service by the improved co-ordination of bus and train transportation.

NET PROFIT

Net Profit for the year, after payment of interest on both funded and Unfunded Debt was $1,316,470.99. This Profit was an increase over the previous year of $161,751.21 or 14%. The Net Profit amounts to an income of 4.36% from the $30,207,935.00 invested by the Province in the Railway.

FINANCIAL

The financial position of the Railway was improved during the past year by a total debt reduction of $1,016,000.00. The Demand Bank Loan was reduced by $900,000.00 from $3,300,000.00 to $2,400,000.00. Debentures to the amount of $116,000.00 were paid off. Additions and improvements to the road and equipment were financed from current income.

TRAFFIC

The volume of freight moved during the year under review reached a new high. Weekly car loadings exceeded those of every week in 1939-40 with the exception of the weeks September 6th to November 30th inclusive, and the week of December 14th. The increase over the previous year measured by Net Revenue tons moved one mile was 12.48%. Total Freight Revenue increased from $3,841,369.06 to $3,969,794.33, an increase of $128,425.27.

The greatest increases in car loadings continue to be in lumber, pulpwood, pulp and paper, and ore. At the same time the stimulated activity in the North is reflected in a heavier northward movement of general merchandise.

In the past year the tendency that has been apparent in past years, for passenger traffic to decline, has continued. The decline in passenger traffic has been contemporaneous with the improvement of highways in the North and the increase of private motor vehicle traffic. The decline may be expected to continue to some extent, although in the immediate future an increase is anticipated as the result of travel arising from war conditions. In response to this tendency towards decreased passenger traffic, the policy has been followed to reduce passenger schedules wherever public convenience permits, and to extend co-ordination of bus service with rail service. The effect of this policy is to reduce costly passenger train overhead while maintaining an adequate service, as indicated by the fact that Net Operating Revenues increased despite a decline in Passenger Revenue of $84,100.17.

GENERAL

War conditions have accelerated the economy of the North without perceptible influence upon its stability. No major war industries have located in the area served by the Railway, but there has been a large increase in shipments of forest products, particularly lumber, and of ore, to serve industry located elsewhere. Shipments of pulpwood, pulp and paper have maintained a high level; but the movement of some forest products may be expected to drop somewhat because of a scarcity of ship bottoms for export and curtailment of some foreign markets by the war.

Gold production remains at the capacity peak that existed before the War, but diversion of Capital to other undertakings has curtailed the development of new properties. The delayed expansion of the gold industry is more than compensated by the quickening in most other Northern Industries.

Prospects for the ensuing year are good. Weekly car loadings from April to September, 1941, show an average increase over the same months for the year reviewed, and it is to be expected that the high freight shipments of the past year will be at least maintained.

Revenue passengers handled during the same period show a slight increase. To transport this prospective traffic a high degree of maintenance for both road and equipment has been preserved, and the Railway is prepared to meet whatever demands that are made upon it.

The anticipated increased freight and passenger traffic have to be viewed with the prospect of increased costs in the present year, both for wages and supplies. War conditions have compelled recourse to United States coal and a substantial increased cost from this item can be expected. Notwithstanding this rise in costs, it is expected that the improvements in equipment and methods of more economical operation, achieved in the past year, will again produce a favourable ratio in the year that lies ahead, but the Net result for the current year will probably not equal the result attained in the year ended March 31st, 1941.

Under the auspices of the Railway, the Industrial Commissioner has continued investigations of the Lignite deposits at Onakawana. Large areas have been blocked out and the over-burden measured and studied so that large scale operations can be readily undertaken. In the meantime, exhaustive study has been given to the problem of discovering a commercially practicable method of treating the lignite. Recent tests upon the Railway's locomotives with Lignite fuel pressure treated under a new system have raised favourable anticipations, and the work of investigation is being continued accordingly.

A. H. Cavanagh,
Chairman and General Manager.

NIPISSING CENTRAL RAILWAY COMPANY

A separate Balance Sheet for the Nipissing Central Railway, together with statement of operating results is hereby submitted.

It will be observed that the Net Loss stands at $3,879.96, as compared to $8,973.84 for the previous year.

Prospects for this Railway in the ensuing year are better. Freight shipments to date have shown a substantial increase. A large contributor to this increase has been the increased shipments of iron pyrites from the area served by the Nipissing Central, as the result of curtailment of foreign sources of sulphuric acids. Increased settlement of this area will further gradually result in increased traffic.

All of which is respectfully submitted.

A. H. Cavanagh,
President.

TEMISKAMING AND NORTHERN ONTARIO RAILWAY

BALANCE SHEET AS AT 31st MARCH, 1941

Assets

INVESTMENT:			
Road		$34,268,693.15	
Railway Equipment and Motor Busses		6,568,985.13	
Restaurant and News Equipment		15,069.97	
			$40,852,748.25
Investment in Affiliated Companies—			
Nipissing Central Railway		$ 4,762,743.43	
Less Reserve		706,764.04	
			4,055,979.39
			$44,908,727.64
CURRENT ASSETS:			
Cash		$ 169,056.88	
Accounts Receivable		258,716.30	
Traffic Balances		221,569.90	
Balances due on Townsite Sales		3,644.05	
Agents' and Conductors' Balances		161,664.24	
Material and Supplies		751,569.77	
Ballast Pit Sidings		53,607.42	
Other Assets—Change Fund		50.00	
			1,619,878.56
DEFERRED ASSETS:			
Pension Fund Investments—			
Contributory Fund	$312,756.26		
Non-Contributory Fund	260,273.48		
		$ 573,029.74	
Fire Insurance Fund		66,266.68	
			639,296.42
UNADJUSTED DEBITS:			
Lignite Deposit—Exploration		$ 41,309.29	
Insurance Premiums Prepaid		479.75	
Advances to Treasurer and Paymaster		2,976.55	
Accounts in Suspense		333.78	
			45,099.37
			$47,213,001.99

Liabilities

PROVINCE OF ONTARIO:			
Loan without Interest			$30,207,934.92
LONG TERM DEBT:			
Debenture Debt payable in instalments in the years 1942 to 1968—Interest 4%			5,666,000.00
CURRENT LIABILITIES:			
Bank of Nova Scotia—Demand Loan		$ 2,400,000.00	
Audited Accounts and Wages		370,837.95	
Traffic Balances		28,535.37	
Debenture Interest—Due and Accrued		41,833.36	
Employees' Deposits on War Savings Certificates		1,726.50	
			2,842,933.18
DEFERRED LIABILITIES:			
Pension Fund Reserve—			
Contributory Fund	$312,756.26		
Non-Contributory Fund	260,273.48		
		$ 573,029.74	
Fire Insurance Reserve		66,266.68	
			639,296.42
UNADJUSTED CREDITS:			
Equipment Retirement Reserve—			
Railway Equipment and Motor Busses		$ 1,885,056.18	
Restaurant and News Equipment		10,900.04	
Fidelity Insurance Reserve		3,610.43	
Casualty Insurance Reserve		5,925.00	
Accounts in Suspense		8,066.63	
			1,913,558.28
Surplus			5,943,279.19
			$47,213,001.99

TEMISKAMING AND NORTHERN ONTARIO RAILWAY

BALANCE SHEET AS AT 31st MARCH, 1941 (Continued)

PROFIT AND LOSS

Retired Road and Equipment written off after deducting salvage	$ 12,363.66	Balance at 31st March, 1940	$ 4,626,808.20
Uncollectible Accounts, etc.	1,148.24	Profit from Operating for year ended 31st March, 1941	1,329,979.89
		Townsite Sales	3.00
	$ 13,511.90		$ 5,956,791.09
Balance of Surplus at 31st March, 1941	5,943,279.19		
	$ 5,956,791.09		

PORT ARTHUR, ONTARIO, August 12, 1941.

Verified subject to our report of this date.

Black, Hanson & Co.,
Chartered Accounts.

COMPARATIVE INCOME STATEMENT
April 1, 1939, to March 31, 1941

	April 1, 1940 to March 31, 1941	April 1, 1939 to March 31, 1940
Operating Income		
Railway Operating Revenues	$5,410,582.41	$5,457,400.54
Railway Operating Expenses	3,619,106.25	3,748,728.78
	$1,791,476.16	$1,708,671.76
Non-Operating Income		
Hire of Freight Cars—Credit Balance	....	....
Rent from All Other Equipment	$ 15,709.88	$ 5,816.37
Joint Facility Rent Income	24,405.37	24,422.78
Miscellaneous Income	137.00	20,691.59
	$ 40,252.25	$ 50,930.74
Gross Income	$1,831,728.41	$1,759,602.50
Deductions from Gross Income		
Hire of Freight Cars—Debit Balance	$ 196,667.29	$ 195,639.86
Rent for All Other Equipment	....	16,187.57
Joint Facility Rents	2,945.50	2,977.46
Interest on Funded Debt	230,506.68	234,979.98
Interest on Unfunded Debt	67,618.56	92,800.29
Ore Royalties	3,910.49	3,891.90
Miscellaneous Income Charges	100.00	67.50
Total Deductions from Gross Income	$ 501,748.52	$ 546,544.56
Net Income carried to Profit and Loss	$1,329,979.89	$1,213,057.94

RAILWAY OPERATING REVENUES

	April 1, 1940 to March 31, 1941	April 1, 1939 to March 31, 1940
Freight	$3,969,794.33	$3,841,369.06
Passenger	714,744.82	798,844.99
Excess Baggage	6,290.37	8,108.35
Parlor and Chair Car	230.40	892.35
Mail	67,172.44	67,913.40
Express	143,805.70	147,430.89
Milk	1,414.32	2,935.88
Switching	14,857.14	16,825.24
Special Service Train	....	2,740.17
Dining and Buffet	14,481.70	29,762.80
Hotel and Restaurant	47,616.74	41,737.10
Station, Train and Boat Privileges	429.46	596.08
Storage—Freight	998.88	1,161.64
Storage—Baggage	300.55	346.05
Demurrage	9,763.00	7,243.50
Telegraph	81,964.61	97,102.06
Telephone	240,423.05	236,534.94
Bus	55,791.07	108,437.03
Rents of Buildings and Other Property	29,828.79	28,630.50
Miscellaneous	11,000.70	19,033.30
Joint Facility—Dr.	325.66	244.79
	$5,410,582.41	$5,457,400.54

SUMMARY RAILWAY OPERATING EXPENSES

Maintenance of Way and Structures	$ 773,920.51	$ 779,764.55
Maintenance of Equipment	744,040.82	773,315.66
Traffic	23,761.92	22,111.37
Transportation	1,548,131.25	1,617,837.79
Miscellaneous Operations	312,050.28	353,638.10
General	217,201.47	202,061.31
	$3,619,106.25	$3,748,728.78
Ratio of Operating Expenses to Operating Revenues	66.9%	68.7%

TRAFFIC AND MILEAGE STATISTICS

Passenger Traffic

Number passengers carried earning revenue		306,716
Number passengers carried one mile		29,070,013
Number passengers carried one mile per mile of road		56,556
Average distance carried—miles		94.78
Total passenger revenue	$	714,744.82
Average amount received from each passenger	$	2.33
Average receipts per passenger per mile (cents)	$	2.46
Total passenger service train revenue	$	933,658.05
Passenger service train revenue per mile of road	$	1,816.46
Passenger service train revenue per train mile	$	1.97

Freight Traffic

Number of tons carried earning revenue		1,662,150
Number of tons carried earning revenue one mile		328,975,345
Number of tons carried earning revenue one mile per mile of road		640.030
Average distance haul of one ton—miles		197.9
Total freight revenue	$	3,969,794.33
Average amount received for each ton	$	2.39
Average amount received per ton per mile (cents)	$	1.21
Freight revenue per mile of road	$	7,723.34
Freight revenue per train mile	$	5.93

Total Traffic

Operating revenue	$	5,410,582.41
Operating revenue per mile of road	$	10,526.42
Operating revenue per train mile	$	4.74
Operating expenses	$	3,619,106.25
Operating expenses per mile of road	$	7,041.06
Operating expenses per train mile	$	3.17
Net operating revenue	$	1,791,476.16
Net operating revenue per mile of road	$	3,485.36

Car Mileage

Average number of passengers carried one mile per car mile	8.2
Average number of passengers carried one mile per train mile	61.5
Average number of passenger cars per train mile	7.5
Mileage of passenger cars	3,540,667
Mileage of loaded freight cars	14,519,653
Mileage of empty freight cars	5,272,886
Average number of freight cars per train mile	30.6
Average number of loaded freight cars per train mile	21.7
Average number of empty freight cars per train mile	7.9
Average number of tons of freight per train mile	491.8
Average number of tons of freight per loaded car mile	22.7
Average miles operated during the year	514

Train Mileage

Mileage of revenue passenger trains	473,054
Mileage of revenue freight trains	668,896
Total revenue train mileage	1,141,950

TEMISKAMING AND NORTHERN ONTARIO RAILWAY

Statement of Miles of Track Operated at Close of Fiscal Year March 31st, 1941

MAIN LINE:		
North Bay to Timmins	257.30	
Porquis to Cochrane	28.30	
Cochrane to Moosonee	186.19	
		471.79
BRANCH LINES:		
Earlton to Elk Lake	28.50	
Englehart to Charlton	7.60	
Porquis to Iroquois Falls	6.10	
		42.20

TEMISKAMING AND NORTHERN ONTARIO RAILWAY

Statement of Miles of Track Operated at Close of Fiscal Year March 31st, 1941 (Continued)

Carried Forward	513.99
OTHER TRACKS:	
Yard tracks and sidings	113.40
PRIVATE SIDINGS OPERATED BY THE RAILWAY:	
Under private siding agreements	20.37
Owned by private companies	.55
SIDINGS OPERATED BY PRIVATE COMPANIES:	
Under Private Siding Agreement	9.23
	657.54

NIPISSING CENTRAL RAILWAY COMPANY

Statement of Miles of Track Operated at Close of Fiscal Year March 31st, 1941

MAIN LINE:		
Swastika to Noranda	59.74	
Sidings and Yards	9.89	
		69.63
Private sidings under Siding Agreements		3.30
Private sidings privately owned		1.44
		74.37

DETAILS OF RAILWAY EQUIPMENT

	March 31, 1940	Additions During Year	Retirements During Year	March 31, 1941
LOCOMOTIVES:				
Passenger-Freight	60	0	12	48
Switching	6	0	0	6
Total	66	0	12	54
FREIGHT EQUIPMENT:				
Box Cars	237	0	16	221
Flat Cars	245	50	32	263
Stock Cars	0	0	0	0
Cabooses	30	8	2	36
Gas Transport, Dump, Hart and Cinder Cars	146	0	1	145
Total	658	58	51	665
PASSENGER EQUIPMENT:				
First Class Cars	31	0	0	31
Second Class Cars	14	0	0	14
Combination Cars	6	0	0	6
Parlour, Cafe and Rest. Cars	3	0	0	3
Baggage and Express Cars	13	0	0	13
Diesel Power	1	0	0	1
Other Cars in Passenger Service	10	0	0	10
Total	78	0	0	78
WORK EQUIPMENT:				
Business	3	0	0	3
All other Cars in Railway's Service	128	18	13	133
Total	131	18	13	136

STATEMENT OF HIGHWAY SERVICE EQUIPMENT

March 31st, 1941

	March 31, 1940	Additions During Year	Retirements During Year	March 31, 1941
Busses	19	3	14	8
Trucks	1	0	0	1
Total	20	3	14	9

NIPISSING CENTRAL RAILWAY COMPANY

BALANCE SHEET AS AT 31st MARCH, 1941

Assets

INVESTMENT:		
Cost of Road		$ 4,268,208.31
CURRENT ASSETS:		
Cash	$ 9,999.46	
Accounts Receivable	3,332.33	
Agents' and Conductors' Balances	85,924.39	
Ballast Pit Sidings	9,779.16	
		109,035.34
		$ 4,377,243.65
Deficit		718,940.04
		$ 5,096,183.69

Liabilities

CAPITAL STOCK		$ 159,000.00
Temiskaming and Northern Ontario Railway—Advance		4,603,743.43
		$ 4,762,743.43
CURRENT LIABILITIES:		
Audited Accounts	$221,160.02	
Traffic Balances	112,280.24	
		333,440.26
		$ 5,096,183.69

DEFICIT ACCOUNT

Deficit at 31st March, 1940	$ 715,060.08
Loss from Operating for Year ended 31st March, 1941	3,089.74
Uncollectible Accounts written off	8.70
Retired Road written off after deducting salvage	781.52
	$ 718,940.04

Deficit at 31st March, 1941	$ 718,940.04
	$ 718,940.04

PORT ARTHUR, ONTARIO, August 12, 1941.

Verified subject to our report of this date.

BLACK, HANSON & CO.,
Chartered Accountants.

COMPARATIVE INCOME STATEMENT

April 1, 1939, to March 31, 1941

	April 1, 1940 to March 31, 1941	April 1, 1939 to March 31, 1940
Operating Income		
Railway Operating Revenues	$462,817.42	$519,669.42
Railway Operating Expenses	427,772.63	491,262.66
Net Operating Revenue	$ 35,044.79	$ 28,406.76
Deductions from Income		
Hire of Freight Cars—Debit Balance	$ 37,735.80	$ 35,639.51
Rent for All Other Equipment	911.22	902.70
Miscellaneous	512.49-Cr.	669.15
Total Deductions from Income	$ 38,134.53	$ 37,211.36
Net Income carried to Profit and Loss	$ 3,089.74-Dr.	$ 8,804.60-Dr.

RAILWAY OPERATING REVENUES

Freight	$377,568.76	$415,682.19
Passenger	68,271.48	84,682.23
Excess Baggage	868.64	1,279.02
Mail	4,322.32	3,997.08
Milk	2,250.37	2,481.29
Switching	1,096.88	1,450.85
Special Service Train	....	543.96
Station Train and Boat Privileges	107.60	107.50
Storage—Freight	794.45	1,044.67
Storage—Baggage	204.05	305.65
Demurrage	715.00	1,015.00
Rents of Buildings and Other Property	5,603.64	5,656.85
Miscellaneous	1,014.23	1,423.13
	$462,817.42	$519,669.42

SUMMARY RAILWAY OPERATING EXPENSES

Maintenance of Way and Structures	$ 88,717.79	$113,952.74
Maintenance of Equipment	54,607.97	69,445.45
Traffic	1,827.93	2,087.93
Transportation	264,372.84	286,203.61
General	18,246.10	19,572.93
	$427,772.63	$491,262.66
Ratio of Operating Expenses to Operating Revenues	92.4%	94.5%

Thirty-Sixth Annual Report

OF THE

ONTARIO MUNICIPAL BOARD

To December 31st, 1941

PRESENTED TO THE LEGISLATIVE ASSEMBLY,
BY COMMAND

SESSIONAL PAPER No. 24, 1942

ONTARIO

TORONTO

Printed and Published by T. E. Bowman, Printer to the King's Most Excellent
Majesty, 1942

Toronto, April 14th, 1942

TO THE HONOURABLE ALBERT MATTHEWS,
Lieutenant-Governor of the Province of Ontario, in Council.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to transmit herewith the Thirty-Sixth Report of the Ontario Municipal Board for the year ending December 31st, 1941.

Respectfully submitted,

T. B. McQUESTEN,
Minister of Municipal Affairs

Parliament Buildings,
Toronto.

Toronto, April 14th, 1942.

Re Thirty-Sixth Annual Report

Dear Sir:

I have the honour to send you herewith the Thirty-sixth Annual Report of the Ontario Municipal Board to December 31st, 1941.

Your obedient servant,

M. B. SANDERSON,
Acting Secretary

The Honourable T. B. McQuesten,
Minister of Municipal Affairs,
Parliament Buildings,
TORONTO.

ORGANIZATION

of the

ONTARIO MUNICIPAL BOARD OF THE PROVINCE OF ONTARIO

R. S. COLTER, K.C.,	CHAIRMAN
W. P. NEAR, B.A.Sc.,	VICE-CHAIRMAN
A. J. B. GRAY	MEMBER
M. B. SANDERSON	ACTING-SECRETARY
J. A. McDONALD	INSPECTOR OF TELEPHONE SERVICE

THIRTY-SIXTH ANNUAL REPORT

OF THE

Ontario Municipal Board

To December 31st, 1941

PRESENTED TO THE LEGISLATIVE ASSEMBLY
BY COMMAND

THIRTY-SIXTH ANNUAL REPORT

OF THE

Ontario Municipal Board

To December 31st, 1941

In pursuance of Section 108 of "The Ontario Municipal Board Act" (R.S.O. 1937, Chapter 60), the Ontario Municipal Board beg leave respectfully to submit their Thirty-sixth Annual Report.

"THE ONTARIO MUNICIPAL BOARD ACT"

Since the revision of the Statutes of Ontario in 1937, "The Ontario Municipal Board Act" was amended by Statutes of Ontario, 1938, Chapter 37, Section 18; 1939, Chapter 47, Section 26; 1940, Chapter 20; and 1941, Chapter 40.

APPLICATIONS TO THE BOARD

There were 1388 applications to the Board during 1941 (exclusive of Public Vehicle and Public Commercial Vehicle License application), and in regard to these and applications not disposed of in 1940, 163 Public Hearings were held. The applications included a great variety of matters falling within the jurisdiction of the Board and those granted are set out in a list contained in the "Abstract and Summary" appended to this Report, indexed under "Orders Issued by the Board." Copies of formal Decisions issued are also contained in the Abstract and Summary, indexed under "Decisions of the Board" and also under the names of the Parties.

SITTINGS OF THE BOARD

The Board held meetings for the transaction of routine business and the disposal of applications every juridical day throughout the year. Many of these applications, though dealt with informally and disposed of without the necessity of Hearings, entailed in many instances a considerable amount of inquiry and consideration on the part of the Board, especially those coming under the provisions of Section 70 of the Board's Act, which section requires all capital undertakings and expenditures therefor by Municipalities to be approved by the Board.

REVENUE

Ontario Statutes, 1939, Chapter 47, Section 26 (3), Section 107 of "The Ontario Municipal Board Act," being the section respecting the Board's fees, was repealed and re-enacted. The new section came into effect on the 27th day of April, 1939, and the fees are now payable in cash ON THE APPLICATION instead of in Law Stamps on the Board's Order.

During 1941 the Board's fees on applications amounted to $18,006.00. In this amount is included the fees on applications for Public Vehicle and Public Commercial Vehicle Licenses—$2,546.00 collected by the Department of Highways and credited to the Board.

APPROVAL OF UNDERTAKING OF CAPITAL EXPENDITURES BY MUNICIPALITIES

(Section 70 of "The Ontario Municipal Board Act" R.S.O. 1937, C.60). (Subsection (3) re-enacted O.S. 1940, C.20.s.4); (Subsection (1) amended O.S. 1941, C.40.s.3).

On the 18th April, 1935, legislation came into effect whereby a Municipality is prohibited from exercising any of its powers to proceed with, authorize or provide any moneys for any undertaking, work, project, scheme, act, matter of thing, the cost or any portion of the cost of which is intended or required to be provided or raised by the issue of debentures of the Municipality, until the approval of this Board is first obtained. This enactment over-rides the provisions of any general or Special Act and necessitates a great many applications to the Board. A list of these applications granted will be found in the Summary, included in the list indexed under "Orders issued by the Board." Written decisions will be found indexed under "Capital Expenditures" and also under the names of the Applicants.

Seven hundred and twenty-six applications in respect to proposed expenditures totalling $8,122,177.52 were considered by the Board and approval was refused in respect to approximately $200,000.00 of this amount. It should be noted, however, that since Municipal representatives are now aware of the fact that they must obtain the Board's approval of proposed capital undertakings, a large percentage avail themselves of the opportunity of discussing their proposed borrowings with the Board and in many instances are advised that the Board would not be willing to grant approval. Accordingly formal applications in these instances are not filed and do not show in the Board's records.

It should also be noted that the existence of this legislation gives the Board an opportunity to advise and control with regard to the type and term of the debentures to be issued. In this connection the Board has pursued the policy of approving only instalment debentures as opposed to sinking fund debentures and is generally requiring the term of repayment to be shorter than formerly, believing that the saving of interest effected thereby accrues to the benefit of the municipal ratepayers.

A recital in the debenture by-law of the Board's approval under said Section 70 is now obligatory, pursuant to an amendment passed at the 1939 Session of the Legislature (Chapter 30, Section 17) adding paragraph (e) to subsection (1) of Section 305 of "The Municipal Act".

The following list, (generally speaking), shows the maximum debenture term allowed by the Board under this restrictive policy:—

Sidewalks	10 years
Curbs and gutters	10 years
Pavements	10 years
Watermains	15 years
Sanitary Sewers	15 years
Trunk Sewers	20 years
Buildings, including School	20 years

APPROVAL OF RATEPAYERS

By Section 59 (f) of "The Ontario Municipal Board Act" the board is given power to direct that before any approval is given to the exercise of any powers by a Municipality or to any By-law passed by it, the assent of the electors thereof or of those qualified to vote on money by-laws shall first be obtained, notwithstanding such assent is not otherwise requisite. By virtue of this legislation the Board is continuing its policy, adopted in 1938, of insisting that major capital expenditures, the cost of which would be met out of general rates, be submitted to the ratepayers for their approval before being presented to the Board, and further the Board is of the opinion that a representative vote can be taken only at the same time as the municipal election. The result of this policy in many instances has been the rejection of the proposed expenditure by the ratepayers.

ARBITRATIONS

In 1941 the Board acted as Arbitrators in connection with 9 applications, 6 of which were made pursuant to section 79 of "The Highway Improvement Act" for the fixing of compensation to be paid to the Claimants for property expropriated in connection with construction of the King's Highways, where the amount could not be arranged between the Parties. Of the other applications three were made pursuant to "The Power Commission Act".

RESTRICTED AREAS

Under Section 406 of "The Municipal Act" (R.S.O. 1937, C.266) (as re-enacted by O.S. 1941, C. 35, s. 13) the Board considered 51 applications for approval of Municipal By-laws placing restrictions on certain areas as to use of land, the erection and use of buildings thereon; also, 74 applications for variation of restricted areas already established. The applications granted are shown in the Summary in the list of "Orders issued by the Board".

SUPERVISED MUNICIPALITIES

Pursuant to the provisions of section 32 of "The Department of Municipal Affairs Act" (R.S.O., 1937, C.59), the Board during 1941 considered and approved plans for funding and refunding the bonded indebtedness of the following Supervised Municipalities:—Town of Riverside and Board of Trustees of the Roman Catholic Separate Schools and Town of Rainy River.

The following Municipalities were released in 1941 from Supervision by the Department of Municipal Affairs:—

Calvert, Township of
Collingwood, Town of
Dysart, Municipality of
East York, Township of
Etobicoke, Township of
Fort Erie, Town of
Kingsville, Town of
Leamington, Town of
Leaside, Town of
Long Branch, Village of
Midland, Town of
Mimico, Town of
New Toronto, Town of
Niagara Falls, City of
North Bay, City of
North York, Township of
Pembroke, Town of
Penetanguishene, Town of
Scarborough, Township of
Sudbury, City of
Thorold, Town of
Trenton, Town of
Weston, Town of
Windsor, City of
York, Township of

EXTENSION OF PUBLIC UTILITIES

(Section 407 (2) of "The Municipal Act")

During 1941 the Board approved of extensions to Public Utilities in an amount totalling $298,542.22, covering 17 applications. These are shown in the Summary in the list of "Orders issued by the Board".

FLOATING INDEBTEDNESS

(Section 59 (d) of Part IV, R.S.O.1937, C.60, as re-enacted by O.S. 1939, C.47,s.26(1))

Under this legislation the Board issued Orders in respect to 5 Municipalities authorizing debenture issues totalling $578,594.92. It should be noted that this meant a considerable saving of expense to the Municipalities concerned, as special Acts of the Legislature would otherwise have been necessary.

(Section 59 (dd) of Part IV, R.S.O., 1937, C.60, enacted by O.S. 1939, C.47, s.26 (1))

6 Municipalities took advantage of this legislation, which came into effect on April 27th, 1939, and applied to the Board for authority, without assent of the electors, to retire certain of their debentures redeemable before maturity. The total amount authorized by the Board was $1,535,232.69.

DIRECT RELIEF FUNDING

The policy of the Board to curtail, as far as possible, the funding of direct relief costs by Municipalities has resulted in only 1 application being filed with the Board during 1941 in respect to a portion of their expenditure in this regard, which application was granted. This represents an improvement over the years 1937, 1938 and 1939 when, in 1937, 10 Municipalities applied for and received approval to the funding of a portion of their direct relief costs; in 1938 5 applications were filed, of which only 3 were granted and in 1939 the 3 applications filed were approved. In 1940 there was only 1 application.

The Board's hopes for the gradual termination of the practice by Municipalities of funding this type of expenditure are therefore justified.

ASSESSMENT APPEALS

There were 15 Assessment Appeals to the Board, during 1941, pursuant to Section 84 of "The Assessment Act" (R.S.O. 1937, C.272), involving property assessed at $5,141,154. Of this number two appeals were withdrawn, formal hearings were held in regard to six and six were held over for hearing in 1942. The total amount involved in the appeals heard by the Board was $1,038,184.00.

Copies of the Board's written decisions will be found in the Summary, indexed under "Assessment Appeals", "Decisions of the Board" and also under the names of the Parties.

VALIDATION OF MUNICIPAL BY-LAWS AND DEBENTURES

(Section 64 of Part IV, R.S.O. 1937, C.60)

74 applications were made to the Board in 1941 for validation of Municipal By-laws and certification of the debentures authorized thereunder. The total of such debenture issues was $3,344,546.52.

While purchasers of debentures are frequently satisfied with Orders of the Board under section 70 of the Board's Act, it has been found, particularly in regard to the larger issues, that a further Order of the Board validating the By-law and providing for certification of the debentures, facilitates the marketing of the issue.

PLANS OF LAND SUBDIVISIONS

Under "The Planning and Development Act" (R.S.O., 1937, C.270, section 5 and 6 (amended O.S. 1941, C.55, s.24), "The Land Titles Act" (R.S.O. 1937, C.174, section 112) and "The Registry Act" (R.S.O., 1937, C.170, Section 83 (15)), 78 plans were presented to the Board for approval and certification.

PROVINCIAL RAILWAYS

Extensions of and improvements to Provincial Railways during 1941, as reported to the Board will be found in the Summary, arranged alphabetically under the names of the several Systems reporting.

Annual Reports, to December 31st, 1941, by Railway Companies under the Board's jurisdiction were received, of which a summarized tabulation has been prepared for publication herein. The Board has no means of auditing these reports as received and cannot therefore guarantee that the figures taken therefrom are correct or accurate.

Under "The Railway Act" there were 14 applications to the Board in 1941.

A tabulation of Accident Reports received by the Board from Provincial Railways during the year 1941 is included in the Summary and shows that 22 persons were killed and 1246 injured during the year.

PUBLIC VEHICLE AND COMMERCIAL LICENSES

Pursuant to "The Public Vehicle Act" (R.S.O. 1937, C.289), and "The Commercial Vehicle Act" (R.S.O. 1937, C.290), no Public Vehicle or Commercial Vehicle license, respectively, may be issued by the Department of Highways without the approval of the Board being first obtained as evidenced by a Certificate of Public Necessity and Convenience of the said Board furnished to that Department, and then only in accordance with such Certificate. Upon the granting of a Certificate by the Board the Department may then, in its discretion, issue or refuse a license.

The Board set aside 24 days during the year for hearing the applications for Certificates of Public Necessity and Convenience. In addition the Board has set aside each Friday morning to deal with the matter of transfers and other details brought before it by the Public Vehicle Division.

During the year 31 applications were made for Public Vehicle Licenses and 738 for Commercial Vehicle Licenses. These include applications for extensions to and clarification of existing licenses, and the following is a classification of these and disposition made of same:—

	P.V.	A	B	C	D	E	F	H	Ttl.
Applications received	31	25	3	133	52	114	392	19	769
Applications granted	21	15	2	82	44	103	352	6	625
Applications dismissed	2	6	0	37	5	4	16	8	78
Applications cancelled	0	0	0	4	2	3	21	0	30
Applications withdrawn	2	2	0	3	0	0	1	1	9
Applications reserved	6	2	1	7	1	3	2	4	26

In supporting an application before the Board the applicant may appear in person or be represented by his Solicitor, or, under exceptional circumstances, if unable to attend, may submit evidence in the form of letters, petition or affidavits. The Board hears and considers the evidence for and against and also takes into consideration the facilities extended by existing licensed operators and its decision is based on whether public necessity and convenience requires the service for which the application is made. During the past year the Board has required that sufficient evidence be filed with each application for a license or extension to a license to justify the application being listed for hearing. This has tended to shorten the list as well as to insure that applications are supported when listed for hearing.

All transfers of Public Vehicle and Public Commercial Vehicle licenses are subject to the approval of the Board and care is taken to prevent anything that might appear to be trafficking in licenses. Transfers of important licenses are usually made the subject of a Hearing and evidence is heard for and against.

The Department of Highways has referred to the Board during the year the applications of Class "D" operators for substitution or addition of contract shippers. Such applications are now made the subject of Hearings.

Through the co-operative efforts of the Department of Education and the Public Vehicle Division of the Department of Highways, an effort was made to have all motor vehicles carrying school children licensed under a school bus permit. These applications were dealt with by the Board and permits issued for which no fees were charged and the result has been that 150 School bus applications were received during the year. Of these 148 were granted and two did not receive the necessary supporting evidence. The chief objective of this effort has been to require all such vehicles to carry insurance as provided by "The Public Vehicle Act."

FORMS

The Board has (for distribution to parties interested) the following forms and specifications, namely:—

1. The Board's Rules of Practice and Procedure and Practice Forms.
2. Regulations, Specifications and Forms respecting Railways.
3. Standard Specifications for Bridges, Viaducts, Trestles or other structures.
4. Memorandum of material required in support of application for approval of undertaking of capital expenditure involving debenture issue, under section 70 of "The Ontario Municipal Board Act" (R.S.O. 1937, C.60).

5. Forms of By-laws and Notices which may be used when carrying out the provisions of sections 280 and 305 of "The Municipal Act" (R.S.O. 1937, C.266) in respect of voting on Money By-laws.
6. Forms for Annual Reports by Railway Systems.
7. Forms for Reports as to Examination of Motormen.
8. Forms for Reports of Accidents by Railway Systems.
9. Directions for guidance of applicants under subsection (2) of section 407 of "The Municipal Act."
10. Tariff of the Board's Fees.
11. Forms under "The Planning and Development Act" with directions for guidance of applicants thereunder.
12. "The Telephone Act".
13. Form of Annual Report to be furnished to the subscribers to a Telephone System established under Part II of "The Telephone Act".
14. Instructions for preparation of Annual Report as mentioned in No. 15.
15. Pamphlet containing information regarding Provincial Telephone Systems and including:—
    - (a) Form of By-law providing for the establishment of a telephone system under Part II of "The Telephone Act".
    - (b) Form of By-law providing for the issue of debentures to pay for the cost of establishing a telephone system under Part II of "The Telephone Act".
    - (c) Form of By-law to regulate the management and operation of a telephone system established under Part II of "The Telephone Act".
    - (d) Form of Account for the use by Telephone Companies using the "Discount System of Collections".
    - (e) Form of Municipal Debenture—Instalment Plan.
    - (f) Form of Constitution and By-laws for a telephone company.
16. Form of Petition praying for the establishment or extension of a Telephone System under Part II of "The Telephone Act".
17. Form of By-laws granting to a telephone company the right to use the highways of a Township.
18. Form for Return by Municipality operating a telephone system.
19. Form for Return by Company, etc. operating a telephone system.
20. Form for Tariff of Tolls for telephone system.
21. Form for return by Telephone Companies required by Order of the Board to set up a reserve for depreciation.

MISCELLANEOUS MATTERS UNDER THE BOARD'S JURISDICTION

Copies of the Board's written Decisions and a list of Orders issued in 1941 appear in the Summary. These relate to:

Annexations—Sections 16 and 20 of "The Municipal Act"

Arbitrations—Section 15 of "The Grand River Conservation Act, 1938", and Section 79 of "The Highway Improvement Act".

Assessment Appeals—Section 84 of "The Assessment Act".

Assessments—Fixed—Section 405, (1), paragraph (b) of "The Municipal Act" (as re-enacted by O.S. 1941, C.35, s.12 s.s. (1)).

Bridges—Approval of By-law for reconstruction of Foot Bridge—Section 307, s.s. (3), paragraph (e) of "The Municipal Act"

Defaulting Municipalities—Refunding Plans—"The Department of Municipal Affairs Act"

Defaulting Municipalities—Release from Supervision.

Detachment of Farm Lands from Town or Village—Section 21 of "The Municipal Act."

Extension of Municipal Utilities—Section 407 (2) of "The Municipal Act".

Floating Indebtedness—authority to Municipalities to issue debentures for—Section 59 (d) of "The Ontario Municipal Board Act".

Highways—Closing of by Department of Highways—Section 79 (a) of "The Highways Improvement Act"

Highways — (County), Abandonment of Part of — (Section 468 (3) of "The Municipal Act".)

Highways, Narrow—Section 502 (2) of "The Municipal Act".

Increased Borrowings by Municipalities—Section 339 (2) of "The Municipal Act".

Interest Decrease By-laws, Approval of—Section 310 of "The Municipal Act".

Legislation, Special—Approval of By-laws under.

License Fee, approval of fixing of, to residents of a Municipality owning and using a bicycle on any highway thereof—Section 420 (11) of "The Municipal Act".

Local Improvements, approval of undertaking of and passing of a By-law therefor—Section 8 of "The Local Improvement Act".

Local Improvements, Abandonment of Part of Work—Section 18 of "The Local Improvement Act".

Local Improvements, Approval of By-law providing for paving of Lane—Section 29 (3) of "The Local Improvement Act"

Plans (Land Subdivision)—approval of—"The Planning and Development Act", "The Land Titles Act" and "The Registry Act".

Railways (Provincial)—Orders respecting.

Restricted Areas, approval of By-laws for establishment of—Section 406 of "The Municipal Act" (as re-enacted by O.S. 1941, C.35, s.13).

Restricted Areas, Repeal of or amendments to, approval of By-laws for—Section 406 of "The Municipal Act" (as re-enacted by Section 13, Chapter 35, O.S. 1941).

Retirement of unmatured debentures—Section 59 (dd) of "The Ontario Municipal Board Act" (as enacted by O.S. 1939, C.47, Section 26 (1)).

Sinking Funds—use of Surplus and authority to dispense with further levy for, where amount in Sinking Fund sufficient—Section 321 (a) and (b) of "The Municipal Act" (as enacted by Section 18, O.S. 1939, C.30).

Tax Rate, Approval of further debt and levy therefor—Section 315 (2) of "The Municipal Act".

Township (Unorganized), Erection of into status of Town—Section 426 of "The Municipal Act".

Unemployment (Direct) Relief, Funding of cost—"The Unemployment Relief Act, 1935" (C.71).

Validation of Municipal Debentures—Section 64 (Part IV) of "The Ontario Municipal Board Act".

Vote of Electors, applications to dispense with—Section 69 of "The Ontario Municipal Board Act" (R.S.O. 1937, C.60).

Weigh Scales and weighing coal and coke—approval of By-laws for—section 408 (11) of "The Municipal Act".

THE ONTARIO MUNICIPAL BOARD

REPORT OF THE INSPECTOR OF TELEPHONE SERVICE FOR THE YEAR 1941

The following applications under the provisions of "The Telephone Act" (R.S. O. 1937, Chapter 261) were dealt with by the Board in 1941:

Under Section 27:	For authority to pass municipal debenture by-laws to meet the cost of reconstructing, replacing or altering Telephone Systems	1
Under Section 31:	For the approval of the purchase of an existing telephone system by a municipality or any portion thereof	1
Under Section 56:	For the approval of by-laws of a municipal telephone system	3
Under Section 58:	For an order prescribing the date for holding the annual meeting of subscribers	2
Under Section 79:	For the approval of municipal by-laws granting the right to erect poles and wires upon the highways	1
Under Section 87:	For the approval of by-laws of a telephone company	4
Under Section 96:	For the approval of agreements providing for interchange of service	14
Under Section 101:	For the approval of sale of telephone systems	5
Under Section 103:	For the approval of charges for telephone service	32
Under Section 108:	For an order re maintenance of reserve for depreciation	2
Under Section 109:	For authority to expend a portion of the moneys set aside for depreciation, upon new construction or extensions or in the purchase of securities	23
Total Number of Applications		88

The continued policy of the Board in endeavouring to secure an amicable settlement in matters in dispute between the applicant and respondent has proved successful in the majority of cases.

In addition to the applications and complaints referred to, a vast amount of correspondence relating to telephone matters has been dealt with by the Board's Telephone Department, through the medium of which much information and assistance has been given to municipalities, companies and other persons interested, and many difficulties which might otherwise have necessitated a formal application and public hearing have been satisfactorily adjusted.

The number of telephone systems within the jurisdiction of Ontario of which the Board has record is 571, operating 120,914 telephones, 32,062 miles of pole lead carrying 203,070 miles of wire and representing an investment of over $11,750,000.

There are eleven systems owned and operated by municipalities under the provisions of Part I of 'The Telephone Act' viz: the Cities of Fort William and Port Arthur, the Towns of Cochrane, Dryden, Fort Frances, Kenora, Keewatin and Rainy River, and the Townships of Alberton, Caledon and Hilliard.

One hundred and twenty systems are now established and operating under Part II of 'The Telephone Act' and furnishing service in two hundred and seventy-seven towns, villages and townships.

There are sixty-nine systems owned and operated by individuals or partnerships of less than five persons, three hundred and fifty three by Incorporated Telephone Companies, ten by Incorporated Companies other than Telephone Companies, and seven by Federal or Provincial Government Departments and Commissions.

In addition to the before mentioned systems, the Forestry Branch of the Department of Lands and Forests is operating an extensive system in connection with its work of fire prevention. This system comprises 768 telephone stations, 1,796 miles of pole lead, 1,140 miles of tree line, and 5,621 miles of wire, the total investment being $319,136.19.

Detailed statistics and other information relative to these systems will be found in the appendix to this report, entitled 'Telephone Systems, 1942.'

JAS. A. McDONALD
INSPECTOR OF TELEPHONE SERVICE

ABSTRACT AND SUMMARY

DECISIONS OF THE BOARD

ARBITRATIONS

P.F. B-34

IN THE MATTER of Section 79 of "The Highway Improvement Act" (R.S.O. 1937, Chapter 56).

BETWEEN:

SYLVIA MALENFANT

Claimant

—and—

DEPARTMENT OF HIGHWAYS

Respondent

(Fixing of compensation for expropriation and damages to Part Lot 295 N. T. R. Township of Sandwich South, County of Essex).

COUNSEL:

H. J. Sims, K.C.	For the Applicant
A. F. Gignac	For the Respondent

REASONS FOR DECISION

THIS IS A CLAIM for the sum of $2565 damages to the claimant's property by reason of the expropriation by the Department of Highways of nine feet of land in front of her garage and residence. The claimant purchased the land in 1928 and built thereon in that year a service station with gasolene pumps in front of it. In 1929 she built a house at a cost of approximately $3,000; in 1936 she enlarged the service station; and in 1938 she erected a lunch room. She built a stone curbing around the lawn to protect it from cars entering the service station grounds. At the present time she has three gasolene pumps all located 41′ 1″ from the paved portion of the highway. Before expropriation the north limit of the highway was 24 feet from the paved portion of the highway and the highway in front of the claimant's property was covered with stone or gravel. The claimant had also built a flower bed which extended into the stoned portion of the highway some distance. On the inside edge of this flower bed she had erected a light and sign post with the arms extending a few feet over the highway. On July 7th, 1938, the respondent had sent a notice of expropriation of 9 feet of land for the purpose of building a culvert across the front of the claimant's property, which culvert was constructed on the lands expropriated.

The said culvert was continued not only in front of the claimant's garage and lunch room but also across a portion of the front of the claimant's house. In so widening the highway there will be 8′ 1″ of the claimant's lands between the north limit of the highway and the Claimant's pumps as at present erected. It will be necessary for the claimant to remove her electric lights and sign pole within her own lands, but the Department has agreed to remove this pole and to erect it on the pump island at no cost to the claimant.

The claimant was quite exercised when the widening of the road was projected for fear she might be called upon to pay a gasolene pump tax of $25.00 instead of her present gasolene pump tax of $5.00, the regulations of the Department being that if a gasolene pump is within 8 feet of the limit of the highway the owner shall pay $25.00 tax. If beyond eight feet the tax shall be $5.00.

The claimant claims as follows:

(1) Damages to dwelling house $315.00.

It is true that she has since expropriation built a fence in front of her property, and her lawn is somewhat smaller than it was formerly, but it is still sufficiently large.

(2) Damages to restaurant and garage $1350.00.

The claimant says that by reason of the expropriation her parking space is more limited.

(4) Damages to concrete curbing $75.00.

Some concrete curbing was removed by the Department when the road was widened. The curbing had been erected by the claimant on the land expropriated.

(5) Damages to lighting system and signs and replacement of same $500.00.

The Department has agreed to re-erect the light pole on the foundation now constructed for the pumps. The claimant says that this will not give her as good a lighting system as she at present enjoys.

(6) Damages to driveway $75.00.

This damage is claimed for the trouble and expense the claimant had when she filled in the settling of the entrance to the driveway after the Department had put in a fill over the tile.

(7) Damages to shrubs, lawn, etc. $50.00.

There is some evidence that some shrubs were removed from the portion of 9 feet which was in front of the claimant's house, and it was shown that some of those shrubs which had been put in by the claimant were on the highway property before widening.

(8) Damages to fence $50.00.

(9) Damages for land expropriated, $250.00.

The claimant's husband says that he sells 65,000 gallons of gasolene a year and 200 gallons of oil per month, that he employs a mechanic in the garage, that he has a girl and his wife and daughter looking after the restaurant and that his business has increased.

Roy M. Dawson of Windsor, an appraiser, valued the dwelling at $2150 and said that by reason of the widening of the road the dwelling had been depreciated in value 10% or $215.00; that the value of the restaurant was $1,150 and had been depreciated about 30% or $345; that the value of the garage had been depreciated by 30% or $1,005; that the value of the land taken was $100. Total damages $1,665.00.

Kenneth Siddall, one of the engineers of the Department of Highways testified that 3-5ths of the flower plot was on the original right-of-way; that there was not room between the flower plot and the base of the pumps before expropriation for two cars to pass and that the widening gave a better entrance to the garage. He says that the value of the garage and service station would not be depreciated by the removal of the light standard from its present position to the pump foundations as 50% of the gas stations at the present time are lighted with lights above the gas pumps.

Norman Richardson, chief property valuator for the Department says that the widening has improved the claimant's property by giving wider entrance and better vision of station. He said that he had purchased land in front of service stations and that in the purchase of this land he had offered the claimant what he had paid other service stations, namely, $100 for the land, which would be at the rate of $1,000 per acre. He said that the area of the land taken is .031 acres and that its value is not more than $6.20, based on a price of $200 per acre. He said that the widening generally gave a greater sweep for the entrance to the garage.

J. H. Marentette, an appraiser and valuator of Windsor, said that a fair market value of the whole property in 1938 prior to the taking was $6,800, that by reason of the expropriation of 9 feet in front there would be practically no difference in the selling value of the property. He says that the land taken would not be worth more than $15.00. He thought the claimant should be paid possibly $50.00.

S. E. Loveridge, real estate dealer and valuator of Windsor, valued the property before expropriation of the 9 feet frontage at $7,000. He says that the expropriation of the 9 feet would not depreciate the property in value. There would not be any difference in the selling price of it. He was of the opinion that $75.00 should be paid to the claimant.

S. H. Cattanach was called by the claimant in rebuttal but on objection of counsel for the Department his evidence was taken subject to the objection.

His opinion was that a better light would be given to the garage if the light standard were allowed to remain where it was prior to expropriation rather than if it were erected over the pumps. He suggested that two standards be put in, one at either end of the entrance.

Having viewed the property and carefully considered all of the evidence offered by the claimant and the respondent, this Board feels that the claimant was very excessive in her estimation of the damages occasioned to her. The Board finds that no damage has been caused to her residence, very slight if any damage caused to her garage and lunch room and the only damage of any moment has been caused her by reason of the loss of the 9 feet off the frontage.

Mr. Richardson on behalf of the Department, has undertaken that if the present light standard is required to be moved, that he will remove same and erect it on the present pump foundation at no cost to the claimant. He has also undertaken that the License Fee to be paid by the Claimant will not be increased by reason of the expropriation of the said 9′ of frontage.

In consideration of these undertakings, the Board finds that the damage suffered by the Claimant by reason of the expropriation is nominal and allows her the sum of $75.00 in full compensation.

Judgment accordingly. There will be no costs. The Respondent shall pay the hearing fee fixed at $50.00.

DATED at Toronto, this 26th day of June, A.D. 1941.

R. S. COLTER
Chairman,

W. P. NEAR,
Vice-Chairman,

ALAN VAN EVERY,
Member.

P.F. B33

IN THE MATTER of Section 79 of "The Highway Improvement Act" (R.S.O. 1937, Chapter 56).

BETWEEN:

ROBERT SCHWERTNER

Claimant

—and—

THE DEPARTMENT OF HIGHWAYS
OF THE PROVINCE OF ONTARIO

Respondent

(Fixing of compensation for expropriation and damages to Part Lots 295 and 296, S.S.T.R., Township of Sandwich South, County of Essex).

COUNSEL:

Ross S. Riddell	For the Applicant
H. J. Sims, K.C.	For the Respondent

REASONS FOR DECISION

THIS IS AN ARBITRATION with reference to land taken by the Department of Highways for the purpose of a widening for a divided highway, known as the Talbot Road or King's Highway No. 3, part of which runs in front of the land of the Claimant. This was heard by the Board at Windsor on April 23rd, 1941.

Prior to the taking the claimant was owner of 112½ acres of land in Lots 295 and 296 South of the Talbot Road in the Township of Sandwich South. The farm of the claimant on these lots included farm buildings, a vineyard and an orchard. On 4th June, 1922, the Department of Highways obtained from the claimant an option of .654 acres for $71.94, being at the rate of $110.00 per acre. The land optioned ran clear across the front of the claimant's farm. No plan of the .654 acres was registered at that time. The Department fenced off only .459 acres of this land. On 7 August, 1937, by registration of Plan No. 5726 the Department expropriated the .459 acres and a further 4.090 acres. The claim is for damages or compensation in respect of the 4.090 acres.

On the land in question there was at the time of the taking about one acre of grapes, several maple and spruce trees, some apple trees, and the north west corner of the house of the claimant was 33½ feet from the south limit of the widened highway.

The claimant's claim as set out in Exhibit 1 is as follows:

4.549 acres at $200.00 per acre	$ 909.80
Damages for the taking of Vineyard	1.666.96
Cost of moving the house back from the highway	1,159.61
Lawn damages	150.00
8 apple trees at $10.00 each	80.00
7 cherry trees at $7 each	49.00
11 spruce trees at $20 each	220.00
Miscellaneous maple trees	50.00
Damages over and above the damages aforesaid to compensate for personal expenses, trouble, inconvenience, etc	1,500.00
Total Value	$ 5,785.37

Exhibit 9 refers to claim of $5,659.70 and the claimant is willing to take the "usual" 10% in lieu of the $1,500.00 claimed. The land expropriated is 4.090 acres and not 4.549 acres.

The claimant brought no evidence to show the difference in value of his farm before and after expropriation. He said that at first he offered to settle for $4,200.00 and later reduced this offer to $3,500.00 and later his solicitor offered to take $3,300.00. His claim seems to have been founded on the fact that some of his neighbours were paid more money than he was offered. For example, Edward Deehan, a farmer of Sandwich South, who had a farm adjacent to the claimant's on the east, was paid $3,700.00 for the lands necessary for the widening of the road and for moving his house back.

The claimant says that by reason of his house being close to the highway he is damaged very materially, that the health of his daughter who has been an invalid for some years, has been materially worse since the trees were removed and that by reason of the removing of the trees there is more noise at his house and his house is not so well protected from the winds. He says that he cannot enjoy his place as he did before.

The claimant's evidence was supported to some extent by E. W. Holden, a farmer of Sandwich South, who said that he had been growing grapes for twelve years and figured what should be made from one acre of grapes. The claimant's wife, Mary Schwertner, said that in 1937 the sale of their grapes averaged $50.00 to $55.00 per ton and claimant received from the grapes harvested from the lands taken by the Department of about one acre $185.00 in the Fall of that year.

For the Department one of the engineers of the Survey's Branch, Kenneth Siddall, said that there were 4.090 acres taken, including slightly over one acre of vineyard, and that the house after expropriation is 33 feet from the line of the highway.

A. L. Page of Windsor, assistant valuator for the Department of Highways and formerly a real estate broker and appraiser in Windsor, said that he figures the damages to the claimant to be $1,017.35. He said that the value of the land taken was $150.00 per acre, that the value of the trees taken was $135.00 and the value of the vineyard taken was $200.00. He said that in order to save the costs of arbitration he offered the claimant $1,250.00; that the real value of the land taken was less than $150.00 per acre but that the government has been paying $150.00 for land taken; that the fair market value of this tiled land in 1937 in that vicinity was $75.00 per acre and that this farm was worth before expropriation $8,438.00 including buildings. After expropriation he stated that the 108 acres left would be worth $8,138.00, leaving a difference of $300.00 as the value of the land taken. He said that the assessment of the land in 1929 was $11,250.00, in 1935 $6,350.00 for 112½ acres, after taking in 1940 $6,200.00 for 108 acres, making a reduction in the assessment after taking 4 acres, of $150.00.

Maurice Pougnet, the manager of James Cooper Estate, a farm at Belle River, who looked after the financing of the estate, said that in his opinion to plant one acres of grapes and fixtures and to bring up to full production in 5 years, would cost about $298.00; that the profit from one acre of grapes on the basis of the 1937 figures would be about $33.90 annually; that he has been removing the vines from his vineyard because the grapes did not pay at the present time. He also said that a neighbor of his in Belle River is also removing his vines.

J. A. Marentette, a real estate and insurance broker, and valuator in Essex and Kent, said that a fair market value of the applicant's farm in 1937 was $73.00 per acre or $8,300.00 for the 112 acres; basing his valuation on the sales made in the vicinity; that from a standpoint of selling value there would be very little difference in the value, but that he would allow for 4½ acres at the $72.00 per acre, $324.00. In his opinion the loss to the farm was not more than $500.00; that the average profit from one acre of grapes per year was $46.50 or a net profit for two and a half years of $116.25. He would allow damages to the claimant as follows:

4½ acres of bare land at $50 per acre	$225.00
4½ acres of tiling at $30 per acre	135.00
Re-establishing vineyard	269.29
Net profit on grapes for 2½ years	116.25
Damages to lawn	40.00
Removal of trees	115.00
Total	$900.54

S. E. Loveridge of Windsor, who is an appraiser and dealer in real estate, testified that the claimant's farm was of an average type of good farm land, that a fair market value before expropriation was $8,930.00, based on the fair market value of farms sold in that vicinity in 1937 and previous. He said that if he offered this farm for sale there would not be much difference whether the farm consisted of 112 acres or 108 acres, but under expropriation proceedings such as this he would suggest that the claimant be allowed as follows:

4½ acres for land taken	$358.78
1 acre of grapes	300.00
Apple trees	80.00
Cherry trees	35.00
Damage to lawn	50.00
Total	$823.78

None of the witnesses for the Department seemed to be of the opinion that the farm was damaged by reason of the house being nearer to the highway than it was previous to the expropriation. The Board has in mind the evidence of the claimant that after removal of the posts from this one acre of vineyard, he burned them because he said they were of no use for anything else. The posts had been in the ground from four to twelve years. In the valuations for putting in a new acre of vineyard, the claimant would have vines which would have an extra five years of life, would have new posts, new wire and new stakes, and from the evidence the Board doubts very much whether the claimant in these times, owing to the fact that all owners of vineyards are having difficulty in selling grapes in large quantities, would ever put in an extra acre. The Board very much doubts that the claimant would ever move his house back. If he did move it back at a cost of $1,100.00 he would have a basement which he has not now, but if the house is left, there is no doubt that the claimant will have suffered some damage by reason of the house being closer to the highway now than it was previously. There is no doubt that he has suffered loss other than the actual value of the trees removed. for example, in the changed appearance of his property, by reason thereof. He has claimed an excessive amount of damages and by reason of such excessive claim has forced the arbitration proceeding.

The Board finds that the damage suffered by the Claimant, including forcible taking, by reason of the expropriation of that part of his lands is the sum of One Thousand Dollars ($1,000.00).

Judgment accordingly. There will be no costs. The Respondent shall pay the hearing fee, fixed at $50.00.

Dated this 26th day of June, A.D. 1941.

R. S. COLTER,
Chairman,

W. P. NEAR,
Vice-Chairman,

ALAN VAN EVERY,
Member.

P.F.A.—9985

IN THE MATTER OF Section 79 of "The Highway Improvement Act" (RS.O., 1937, C.56), and

IN THE MATTER OF a claim by Llenroc Farms Limited, a corporation carrying on business in the Township of Willoughby in the County of Welland, against the Department of Highways of the Province of Ontario, hereinafter called the Department, by reason of the expropriation by the Department of some 50.643 acres of land in the said Township of Willoughby being composed of the following:

(i) that part of Lot 5, Concession II in the said Township marked parcel "A" and shown coloured red on the Department's plan of survey P-2470-3 registered in the Registry Office for the County of Welland as No. 363, having an area of .279 acres more or less;

(ii) those parts of lots 1 and 2 Concession I in the said Township marked parcel "B" and shown coloured red on the said plan P-2470-3, having an area of 19.831 acres more or less;

(iii) those parts of lots 19 and 20 in the 1st Cross Concession and part of lot 22 in the adjoining Cross Concession in the said Township marked parcel "C" and coloured red on the said plan P-2470-3 having an area of 21.720 acres more or less;

(iv) that part of lot 22 in the adjoining Cross Concession in the said Township marked parcel "D" and shown coloured red on the said plan P-2470-3, as amended by the Department's plan of survey P-2470-4 registered in the said registry office as No. 374 and being all the land shown coloured blue on the said plan P-2470-4, having an area of 8.377 acres more or less;

(v) that part of lot 5 Concession II in the said Township shown coloured red on the Department's plan of survey P-2470-6 registered in the said registry office as No. 372, having an area of .436 acres more or less.

Honourable W. L. Houck, M.L.A., President of Llenroc Farms Limited, appeared on its behalf.

J. D. Arnup, Esquire, appeared for the Department

AWARD

TO ALL TO WHOM THESE PRESENTS SHALL COME,

Ontario Municipal Board sends greeting.

The Department saw fit to expropriate for highway purposes the land hereinbefore described being the property of the said Llenroc Farms Limited and the matter as to the amount of compensation to be paid by the Department for the said lands and for the damages occasioned by such expropriation was referred by the Minister of Highways to this Board and came on for hearing before it on the 14th day of March, 1941.

After taking into consideration the arguments presented and the facts adduced by the Department, this Board awards the sum of $6,500.00 in full settlement of the compensation to be paid by the Department to the said Llenroc Farms Limited for the said lands and for damages occasioned by reason of the said expropriation.

There will be no order as to costs, other than the fees of the Board, which are to be paid by the Department.

IN WITNESS WHEREOF the members of the Ontario Municipal Board have hereunto set their hands and have caused to be affixed the seal of the Board this 20th day of March, 1941.

R. S. COLTER,
Chairman,

W. P. NEAR,
Vice-Chairman,

ALAN VAN EVERY
Member.

P.F. A-9933

IN THE MATTER of Section 15 of "The Grand River Conservation Act, 1938" (C.15).

BETWEEN:

THE GRAND RIVER CONSERVATION COMMISSION

Applicant,

—and—

NOBLE GREENAWAY

Respondent.

(Expropriation of Lots Nos. 83 and 85. Plan No. 78 of the Village of Belwood in the County of Wellington).

COUNSEL:

H. J. Sims, Esq., K.C., ... for the Applicant

W. A. Maedel, Esq., ... for the Respondent

REASONS FOR DECISION

THIS IS a compensation arbitration held at the Town of Fergus on the 29th day of April, 1941. The respondent was the owner of Lots 83 and 85, Plan No. 78 of the Village of Belwood in the County of Wellington which lots were expropriated by the Grand River Conservation Commission under the powers conferred upon the Commission by the Grand River Conservation Act, 1938, Chap. 15. At the request of Counsel for both parties the Board viewed the premises.

The Respondent did not place a valuation on his property. He asked that his house and barn be moved to another location and if so moved he would ask only a nominal sum (say $100.00) for inconvenience, otherwise his claim was $1800.00. He compared his property with Scott's and Youngson's, both of which had been purchased by the Commission, and said his was better and more valuable than either of the others. On cross-examination he said he paid $350.00 for the property in 1937 and since that time had spent $150.00 in shingling the house and other repairs. Since expropriation he has purchased a lot on the hill for $150.00 but said he would not give the lot expropriated for 5 lots like the one he has purchased. Even if it were possible to move the house and barn, the Board was impressed with the fact that the Respondent would not be satisfied no matter what lot was secured or how much expense was made to put it in shape.

Robert A. Masson of Guelph, a moving contractor, said he had estimated the cost of moving the house and barn, purchase of lot and drilling well at $1,700.00. When asked if he thought the house was worth moving at an expense of $1,630.00, he smiled and said that that was up to the owner.

Ernest M. Bellamy, a contractor of Belwood estimated the cost of moving the house and barn, purchase of lot and drilling well to be $1,630.00. He also said the house was better than Scott's or Youngson's but did not place a value on either the Respondent's or the other houses.

W. G. Bain said he sold Scott's house to him five years ago for $500.00 and that it was assessed for $400.00. The Greenaway house is assessed at $400.00. He said that the Greenway is the better of the two.

M. H. Scott said he sold his house to the Commission for $1,500.00. His was a double house. The assessment was $450.00 after he had erected a sun porch and garage. He was allowed to remove the house so he wrecked the rear portion and sold the front portion for $50.00.

F. P. Adams, Secretary of the Commission, called by the Applicant, said the Commission had paid Youngson $1,500.00, Hutchinson $1,000.00 and Scott $1,500.00 for their properties.

W. C. Fairchild, one of the Valuators for the Commission, said he had valued the Respondent's property, that it was not worth moving. He considered the property worth $400.00 and owner to move the house or be paid $100.00 extra and that he allowed Respondent $400.00 for disturbance, etc., or $900.00 in full.

Herbert Johnston, a land surveyor and civil engineer, one of the Commission valuators, said that he agreed with Fairchild in the valuation, which he based on the fact that here had been 4 sales of this property over a period of 14 years, and prices had ranged from $350.00 to $410.00.

Dr. Acres, the chief engineer for the Commission, said he had examined the property and he agreed in the valuation at $400.00 and $100.00 in place of removal with $400.00 for inconvenience, etc.

Mr. Phillip, the Chairman of the Commission, said that he felt there was no chance to settle with this claimant. He said that in the other settlements they had been "generous, most generous", because their valuators had said the proposed settlements were the best they could make. He said he felt, after examination of the property, that the Commission was still playing Santa Claus in offering $900.00 to the Respondent.

R. H. Smith, one of the valuators, said he had interview the Respondent several times and that he always asked $2,000.00 or to move the house. He said a fair selling value for this property was $400.00; that the payments to Scott were far more than the property was worth. He thought $400.00 to $500.00 was all Scott could expect to get for it. He said that other people in Belwood came to him and wanted the Commission to take their properties.

From a view of the properties mentioned in the evidence and hearing the evidence adduced, the Board is of the opinion that the Commission was, to put it mildly more than generous to the Vendors whose properties they purchased in Belwood. Whether the Commission should have been "more than generous" to them, is not for this Board to determine. This Board is to determine the real value of the property in question. The action of the Commission in being more than generous to some vendors may make it appear that an injustice has been done when real value is determined.

Counsel for the Respondent was careful to refrain from bringing in evidence as to the value of the property in question. When his attention was called to this before the close of the case, he admitted that he was relying on the prices paid by the Commission to others.

Belwood is a small village. The stores seem to have been situated along the road crossing the river and to have been purchased by the Commission. These stores have not been reopened in another part of the village.

The property in question consists of a cottage, built in the shape of an "ell", the front part consisting of two rooms used as a sitting room and the other a bedroom; the rear portion is used as a kitchen. There is a steep narrow stairway at the end of the sitting room leading to the attic in which there are two beds with no wall between. The floors do not seem to be safe. There is a small cellar under part of the house and from this the stringers were seen to be badly decayed at the ends. The roof has been recently shingled. The plaster on the outside is in good repair. The house inside is very neat and clean and the lawn is well kept.

The barn or chicken coop is of very little value, especially in these times when everyone uses cars.

The Board has reviewed the finding of the board of engineers and considers that the amount of compensation, $900.00, found by the board of engineers to be owing by the Commission to the Respondent, is fair and just. The Board therefore confirms that finding. The Applicant shall pay the Board's fee fixed at $50.00.

DATED at Toronto, this 26th day of June, A.D. 1941.

R. S. COLTER,
Chairman,

W. P. NEAR,
Vice-Chairman.

P.F. B-461.

IN THE MATTER of "The Power Commission Act" (R.S.O. 1937, Chapter 62),

BETWEEN:

HARRY AND NATHAN GAILOR,

Appellants,

—and—

THE HYDRO ELECTRIC POWER COMMISSION OF ONTARIO,

Respondent.

J. H. Schofield and J. A. Sweet, for Appellants,

W. S. Campbell, for the Respondent.

JUDGMENT

THIS IS AN APPEAL from the award of H. W. Cooke, the valuator under The Power Commission Act for land taken from Appellant's property in the City of Kitchener, being in area .33 acres.

The award of H. W. Cooke, valuator, is in the sum of $200.00 and the Appellant is asking $2,000.00.

The land in question has been leased by the Hydro Electric Power Commission since 1909 on a lease for 30 years renewable for a further 30 years for an amount of $25.00. The Commission has decided to purchase the right-of-way through the City of Kitchener and has not renewed this lease although it is not contended that the lease may not yet be renewed.

The land being taken is a triangular piece taken from the rear of a property facing on Mill Street and extending back to the right-of-way of the Canadian National Railways and comprising an area of 1.34 acres, including the driveway to Mill Street, such land being at present used as a junk yard.

The triangular portion being taken is at present used for the storage of junk yard materials. The appellants purchased the property three or four years ago and were aware of the easement registered against the property at the time of the purchase. They had previously conducted a junk yard in Kitchener and had moved to this site because zoning regulations permitted operation of junk yards. They had difficulty in securing a junk yard license from the Police Commission and after about a year this was secured and in 1938 and about the same time as the junk yard license was secured, the zoning by-law was amended and adjacent lands were placed in light industrial area which restrictions prevent operation of junk yards. Appellants therefore represented that it was practically impossible to secure other land in Kitchener for the operation of their business and that the taking of the land in question would curtail the area of their present yard and interfere seriously with the conduct of their business.

Evidence was produced by two salvage yard operators in support of the claim to indicate that the value of the whole yard used for a junk business together with the junk dealer's license was worth $6,000.00 and that taking away one-third acre would reduce the capacity and turn over of the yard by 40% or 50%.

Two real estate experts called by the appellant valued the yard before taking at $3300.00 and $3200.00 respectively and that approximately one-third of the area of the yard was being taken. Mr. Compton supported the claim of $2,000.00 as being one-third of $6,000.00, the value of the yard plus the value of the license. Mr. Parnell placed the value of strip taken at one-third of $3200.00 or a little over $1,000.00 and stated that he could not estimate the value of the reduction in volume of business and could see no value in the triangle proposed to be leased back to Gailors by the Hydro Electric Power Commission.

The Respondent, the Hydro Electric Power Commission, presented no evidence of values and called Mr. T. U. Fairlie, Engineer in charge of the Property Department, who gave information as to purchases in the vicinity from the owners. The price per acre paid varied from as low as $70.00 per acre paid for city owned lands up to $1,200.00 per acre. Witness stated that .838 acres had been purchased from S. Weiss for $1,000.00 immediately adjoining the Gailor property and that strip taken from Weiss was a severance of the whole property being also used as a junk yard. This worked out to a rate of $1,200.00 per acre, whereas the price of $200.00 to Gailors for one-third acre works out to $600.00 per acre. Witness justified this on the grounds that there was no severance and that allowance for severance was double. The Commission were willing to lease back the land to Gailors at $8.00 per year and that present use of the land could be continued.

The property in question by consent of both Counsel and in their presence, was viewed by the Board and the Board finds as follows:

The appellant has produced evidence by qualified experts in the salvage business and in real estate values to support a value for the land taken from $1,000.00 to $2,000.00. The $2,000.00 amount in each case is based on an amount added to the value of the land for the value of a junk yard license.

The Board on viewing the property is of the opinion that if and when the land is leased back to Gailor, its present use will not be interfered with and yet the Board holds with Counsel for the Appellant that in case of sale of the property the area left to be sold is decreased by approximately 25% and will affect the sale price.

The Board therefore fixes as a fair value for the .33 acres taken in full compensation for land taken and damages to the remaining property by reason of taking the sum of $500.00, and costs to the appellant in the amount of $150.00.

DATED at Toronto this fourteenth day of November, A.D. 1941.

R. S. COLTER,
Chairman,

W. P. NEAR,
Vice-Chairman,

ALAN VAN EVERY,
Member.

P.F. B-302

IN THE MATTER of "The Power Commission Act" (R.S.O. 1937, Chapter 62), Section 26,

BETWEEN:

GORDON BEARE,

Appellant,

—and—

HYDRO ELECTRIC POWER COMMISSION OF ONTARIO,

Respondent.

Appeal from Award of Valuators in respect of the expropriation of part of the north half of Lot 23, Concession 4, in the Township of Scarborough.

A. M. Dewar, ... for the Appellant,

W. S. Campbell, ... for the Respondent

JUDGMENT

THIS IS AN APPEAL by the Appellant from the finding of the Arbitrator who fixed a valuation of $150.00 per acre for land expropriated by the Hydro Electric Power Commission of Ontario from the farm of the Appellant on the ground that the valuation is wrong as to quantum and that the valuation should be increased.

For the purposes of the construction of a new transmission line, the Hydro Electric Power Commission expropriated a strip of land through the Township of Scarboro in the County of York and one part of such strip was the southerly 14.678 acres of the Claimant's farm. Some of the farms in this locality are used for general farming purposes, others as market gardens.

The Appellant was the owner of the north half of Lot 23 in the 4th Concession of the Township of Scarboro containing approximately 100 acres, 94 acres of which has been under cultivation. The northerly six acres is low and wet and has been used by the Appellant as, what he calls, a permanent pasture. The farm was purchased about 35 years ago. The farm is and has been kept in a good state of cultivation. His buildings and equipment are suitable for an one hundred acre farm.

There have been no sales of properties or farms in the immediate vicinity of this farm through which present values can be fixed.

In fixing prices to be paid for lands expropriated, the Commission places a basic value on the land. It then allows extras for severance, or other damages occasioned by the expropriation. In the present case it placed a base price of $80.00 to $90.00 on the lands in this vicinity. Mr. Fairlie said the Commission, where there was no severance, allowed an additional 50% to the base price, so that where ten to fifteen acres was taken from an one hundred acre farm, the owner was allowed $150.00 per acre. Where ten to fifteen acres was taken from a fifty acre farm, the owner was paid $175.00 per acre. Where there was a severance in an one hundred acre farm, the owner was allowed $200.00 per acre for the land expropriated.

In the present case there was no severance and the Appellant was offered $150.00 per acre for the land taken.

The Appellant complains about the method. He says:

(1) That he has only 82 acres of arable land remaining; that his equipment is built up for the operation of 100 acres, and the loss of the 14 acres is a serious damage to him, more serious to him by reason of the fact that his son is taking over the farm.

(2) That his soil was suitable for all classes of farming, the land was in a better condition as to fertilization and cultivation, and better than other land in that vicinity.

(3) That the land expropriated was closer to an improved road than the remaining part of his farm and closer than lands expropriated from other farms.

(4) That it was the homestead and had been owned by the family for years.

(5) That the Commission had cut down a row of trees which he claimed belonged to him, and that by reason of these matters he should be paid a higher rate per acre than others.

As to (1), the appellant's witness, C. R. Purcell, said that one hundred acres is the proper grain and stock farm but that, with a tractor, 125 or 150 acres is better. The appellant has a tractor. In view of the fact that James T. Stewart, the Clerk of Scarboro, who owns a farm adjoining the appellant's property, says that he is willing to sell 40 acres adjoining the appellant's lands at $125.00 per acre, the Board cannot find that the appellant is being damaged in this respect.

As to (2), under this the appellant says that the respondent is paying $150.00 per acre for land which is not so good as his and that he should receive more. In answer the respondent's witnesses say that all land in that locality is of equal value. Arthur Wood, a witness for the respondent, owned 76 acres four lots west of the appellant. The Commission expropriated 11 acres which created a severance and he was paid $200.00 which he thought was fair. He said his land was as good as Beare's land.

As to (3), this same complaint applied to all the lands taken.

As to (4), Appellant's brother had bought this farm some years ago. He sold to a stranger from whom appellant purchased. The Board cannot find that there is any special damage to appellant in this account.

As to (5), there is no evidence that this row of trees was on the appellant's land, or that the removal of the trees in any way affected the remaining lands.

T. U. Fairlie, for the Commission, placed a base value on the lands in this locality at $80.00 to $90.00 per acre. He says that it is a general rule to allow about 50% additional to farmers, as being a reasonable percentage for taking. In this case he offered the appellant $150.00 per acre.

Having carefully considered the evidence given, the Board have come to the conclusion that $150.00 per acre is a fair price to be paid to the appellant for his land and all damages resulting from the taking. The appeal will therefore be dismissed. There will be no costs allowed to either party.

DATED at Toronto this thirteenth day of November, A.D. 1941.

R. S. COLTER,
Chairman,

W. P. NEAR,
Vice-Chairman,

A. VAN EVERY,
Member.

P.F. B-130.

IN THE MATTER of "The Power Commission Act" (R.S.O. 1937, Chapter 62)

BETWEEN:

ALBERT W. DUCK,

Claimant,

—and—

THE HYDRO ELECTRIC POWER COMMISSION OF ONTARIO,

Respondent.

(Appeal from the Award of H. W. Cooke, Valuator for the Hydro Electric Power Commission, in respect to the exercise of powers of the Commission as relating to certain property of the Claimant, being Lot 19, Concession 5, west of Yonge Street, Township of North York, Province of Ontario).

R. S. Mills,.. for the Claimant,

Cecil Carrick and W. Campbell,. .... for the Respondent.

JUDGMENT

THIS IS AN APPEAL by Albert W. Duck from the Award of H. W. Cooke, the Valuator under The Power Commission Act of 1931, dated the 16th day of April, 1941, by which award it was found that the said Duck was entitled to $524.00 as compensation for land expropriated by the Hydro Electric Power Commission of Ontario.

Albert W. Duck and his wife are the owners of a farm being Lot 19 in the Fifth Concession west of Yonge Street in the Township of North York in the County of York containing 97 acres. The wife, Minnie Duck, at the request of her Counsel and Counsel for the Commission, was added as a party claimant on the hearing of the appeal.

The farm is divided by a railway, which runs from north to south through the centre of the farm, there being 43.80 acres west of the railway. There is a deep ravine running through the farm from the northwest corner to the southeast corner, and the northeast corner, that part expropriated by the Commission, is a swamp fed by two springs. The creek in the bottom of the ravine flows north westerly and is dry in the summer. The entrance to the farm is from the Weston Road and crosses this ravine. The house and barn are erected near the north-west edge of the ravine and the milk house and pig pen are erected on the slope leading down to the creek. There were four large trees west and north of the house, which have been cut down since expropriation. A spring, the larger of two, is in the side of the bank below the house. The claimants say that the farm is a dairy farm. They own 10 head of cattle. They claim that the farm is valuable by reason of its possibilities, a wooded ravine and two springs, for conversion into a gentleman's estate.

The lands expropriated are in the north-west corner of the farm. They take in a few inches of the north-east corner of the verandah of the house and nearly one-half of the frontage of the farm, including the present entrance. This land is low and marshy, but can be used for pasture. It is not intended at the present time that any towers shall be erected on the claimant's lands.

Mr. Cooke found that the offer by the Commission of $200.00 per acre was an exceptionally good offer and that there would be no special damages suffered by the claimants in the expropriation.

The Claimants agree that $200.00 is a fair value for the land itself but say that they have suffered special damages in:

(1) Removal of trees.
(2) Taking away the present entrance,
(3) The loss of the use of the spring, and
(4) General depreciation in value for use as a gentleman's estate.

From the evidence submitted the Board must disagree with the findings of Mr. Cooke, the valuator. He says: "The Commission has offered Mr. Duck Two Hundred Dollars per acre for the 2.62 acres, which I consider exceptionally good price for this land which is non-productive. I have gone thoroughly into the different points brought up by Mr. Mills and his client and have come to the conclusion that there will be no special damages incurred through the sale of this small parcel of land to the Commission, and that Mr. Duck is entitled only to the ordinary and usual compensation awarded in such cases, and that the Commission has been very fair in its attitude towards the owner." The evidence does not substantiate a value of anything like $200.00 per acre for the land. It is low and wet and of very little value except for pasture. The evidence shows that there has been special damage to the Claimant. The removal of the trees near the house, the fact that a portion of his verandah is on the land taken, that his present entrance is on the land taken, and he would be forced to construct a new entrance, the loss of the use of water from the spring, and the taking of one-half of the frontage of the farm, is all special damage which must be considered.

In his evidence the claimant said his farm contained 97 acres, 67 of which are arable. About 30 acres is east of the railway, nearly 20 acres of which is ravine, and about 47 acres west of the railway.

John A. McMillan, a Real Estate broker, who specializes in farm property, valued the farm as follows:

Front 43 acres at $150 per acre	$6,450.00
Back 53 acres at $50 per acre	2,650.00

He pictured the farm as a Gentleman's Country Residence in which the ravine and springs would be developed. He says that to have the front two acres expropriated would take the cream of the value of the farm, and that after expropriation the value of the front 43 acres would decrease to $80.00.

In the opinion of this Board any increase in value by reason of the possibility of the farm being purchased as a gentleman's country estate is too remote to be given much effect. Even as a straight farm proposition the results obtained by the Claimant do not lead the Board to believe that the land is very valuable. The loss of 2.572 acres would decrease the value of the farm by very little.

At the trial the Commission made an offer to the Claimant as to the use of the land by the Claimant. The Board asked that this offer be put in writing and is as follows:

"Deed to the Commission will provide:

"(1) The right of perpetual encroachment of 3 feet by the north-west corner of the house verandah with the necessary encroachment on the adjoining three feet for repairs and maintenance, with the proviso that if at any time the moving of the house is, in the Commission's opinion necessary, then such moving will be at the sole expense of the Commission; site to be chosen by the Claimant if not more than 100 feet from present location.

"(2) Perpetual right of use of and access to the spring now located on the property to be conveyed, with the liberty to Mr. Duck to pipe the water flow to his remaining land if desired.

"(3) Right-of-way in perpetuity 20 feet wide at the location of his present entrance.

"In addition, Mr. Duck may lease the 2.572 acres at the rate of $7.50 per annum on an annual basis, and during the currency and good standing of such a Lease, no dividing fence would be erected.

"The Commission will assume the taxes on the 2.572 acres from the date of closing."

The Board is of opinion that this offer should have been made to the Claimant before the expenses of the hearing had been incurred, but in view of the extravagant claim made by the Claimants, such an offer might have had no effect.

Having at the request of both parties examined the premises and given careful consideration to the evidence adduced at the hearing, and what was alleged by counsel in argument, the Board orders that the Hydro Electric Power Commission of Ontario shall pay to the claimants the sum of $385.80 for the land expropriated,

$125.00 to cover all special damages not provided for in the letter dated July 10th, 1941, and that in addition the Commission shall execute an agreement with the claimants providing:

(1) The right of perpetual encroachment of 3 feet by the north-west corner of the house verandah with the necessary encroachment on the adjoining three feet for repairs and maintenance; with the proviso that if at any time the moving of the house is, in the Commission's opinion necessary, then such moving will be at the sole expense of the Commission, site to be chosen by the Claimant if not more than 100 feet from the present location;

(2) Perpetual right of use of and access to the spring now located on the property to be conveyed, with the liberty to Mr. Duck to pipe the water flow to his remaining land if desired;

(3) Right-of-way in perpetuity 20 feet wide at the location of his present entrance;

(4) A lease to the Claimants of the lands expropriated at a rental of $7.50 per annum in advance with right of renewal so long as the Rental is duly paid

(5) No dividing fence to be erected on said lands so long as the said lease is in good standing;

(6) Taxes on the expropriated property to be paid by the Commission;

(7) No erections shall be erected or trees planted by the Claimant on said property without the consent of the Commission.

As to the costs, in view of the fact that no offer was made with reference to the matters referred to in the said letter of July 10th, 1941, prior to the hearing before this Board, and that such offer was made after most of the evidence had been given, the Board orders that the Commission shall pay to the claimant the sum of $100.00 on account of costs of the claimants in this matter, and that the Commission shall pay the fees of the Board fixed at $25.00.

DATED at Toronto this fifth day of November, A.D. 1941.

R. S. COLTER,
Chairman,

W. P. NEAR,
Vice-Chairman.

ASSESSMENT APPEALS

P.F. A-9895

IN THE MATTER OF APPEAL to the ONTARIO MUNICIPAL BOARD, pursuant to section 84 of The Assessment Act (R.S.O. 1937, c. 272) from His Honour Judge G. H. Hayward, Judge of the District Court of the District of Temiskaming.

BETWEEN:

THE CORPORATION OF THE TOWN OF COBALT,

Appellant

—and—

A. ASSAF,

Respondent

Mr. J. A. Legris, K.C., ... Counsel for the Appellant

Mr. R. D. Cumming, ... Counsel for the Respondent

DECISION

1. This is an appeal from His Honour Judge G. H. Hayward, Judge of the District Court of the District of Temiskaming, who, on the 11th December, 1940, on appeal from the Court of Revision of the Town of Cobalt, confirmed the assessed value of the parcel of land in question, exclusive of the building thereon, at $2,000.00 and reduced the assessed value of the building thereon to $12,000.00, for the year 1940.

2. Mr. W. P. Near, the Vice-Chairman of the Board and Mr. Alan Van Every, the Member thereof, heard the appeal at the Court House in the Town of Haileybury on the 12th February, 1941.

3. Counsel for the appellant argued that for the year 1940 the amount of the learned Judge's valuation of the building in question should be raised for the following reasons:

(1) there has been no change in the value of the premises which were assessed by the Board for the year 1939 at $2,000 for the land and $13,000.00 for the building;

(2) reductions made in 1940 in the assessed value of similar premises in the vicinity were made solely to equalize values in relation to the assessed value of the premises in question as determined by the Board in the year 1939.

4. Counsel for the respondent argued on the following grounds that the value at which the Judge had assessed the premises in question for the year 1940 was excessive:

(1) the amount of the business profits of the respondent from the premises in question during 1940 was less than that of 1939;

(2) real property values in Cobalt have declined since 1939;

(3) during 1940 the respondent spent only $100 on improvements.

5. The Board finds as follows:

(1) the number of this assessment on the assessment roll of 1940 is 554;

(2) the premises comprise part of lot 357 on plan M-47 filed in the Land Titles Office at Haileybury;

(3) the premises comprise a hotel known as the Fraser House on the southwest corner of Prospect Avenue and Silver Street in the Town of Cobalt;

(4) land values and business have declined generally in the town since 1939;

(5) the amount of revenue derived by the respondent from the premises in 1940 was less than that of 1939; the drop was approximately 12%;

(6) the population of the town had decreased from 2,789 in 1939 to 2,563 in 1940;

(7) the respondent has owned the premises since 7th October, 1938;

(8) reductions were made in 1940 in the assessed value of many business premises in the vicinity, but those reductions have no uniform relation and are not based upon the Board's decision in respect of the 1939 assessment of the premises in question;

(9) in the year 1940 the respondent spent only $100 on improvement of the land and building in question.

6. The Board therefore dismisses the appeal and confirms the assessment as determined by the Judge.

DATED at Toronto this 21st day of April, A. D. 1941.

R. S. COLTER,
Chairman.

P.F. A-9903

IN THE MATTER OF APPEAL to the ONTARIO MUNICIPAL BOARD, pursuant to section 84 of The Assessment Act (R.S.O. 1937, C. 272), from His Honour Judge J. A. S. Plouffe, Acting Judge of the District Court of the District of Temiskaming.

BETWEEN:

THE CORPORATION OF THE TOWN OF HAILEYBURY,

Appellant,

—and—

MRS. W. S. BLACKWALL, EXECUTRIX OF THE ESTATE OF LOUISA GEORGINA (MRS. C. C.) FARR

Respondent.

Mr. J. A. Legris, K.C., ... Counsel for the Appellant

Mr. R. D. Cumming, ... Counsel for the Respondent

DECISION

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1. This is an appeal from His Honour Judge J. A. S. Plouffe who, on the 20th December, 1940, as acting Judge of the District Court of the District of Temiskaming, on appeal from the Court of Revision of the Town of Haileybury which had sustained for the year 1940 the assessed value of each of the parcels of land in question, reduced such values as follows:

Lot	**Plan**	**Street**	**Assessment Sustained By Court of Revision**	**Assessment As Reduced By Judge**
5	M.-13J	Broadway	$800 (land)	$700
6	M.-13J	Broadway	$800 (land)	$700
14	M.-13J	Main	$1,100 (land)	$800
179	M.-46	Blackwall	$200 (land)	$100
181	M.-46	Russell	$250 (land)	$150
182	M.-46	Russell	$250 (land)	$100
62	M.-73	Main	$35 (land)	(Struck out as not belonging to respondent)
120	M.-37	Brewster	$6,000 (building)	$4,000
Half 128	M.-37	Rorke Ave.	$200 (land)	$100
129	M.-37	Rorke Ave.	$300 (land)	$200
156	M.-37	Hardy Ave.	$100 (land)	$10

2. Mr. W. P. Near, the Vice-Chairman of the Board, and Mr. Alan Van Every, the Member thereof, heard the appeal at the Court House in the Town of Haileybury on the 12th February, 1941.

3. Counsel for the appellant argued that the learned Judge should have confirmed the decisions of the Court of Revision and that all the said assessed values

as sustained by the Court of Revision were fair and reasonable and on a par with the assessed values of adjoining lands.

4. Counsel for the respondent contended that the onus was upon the appellant to adduce evidence to prove the argument of the appellant.

5. Counsel for the appellant proposed that the Board should inspect the house on lot number 120 on Brewster Street, but, in view of objection thereto by the respondent, the Board declined to do so.

6. The Board finds as follows:

(1) there is insufficient evidence to support the argument of the appellant;

(2) the certificate of the local master of titles dated February 11th, 1941, and purporting to certify that the respondent has had an absolute title to lot number 62 on Main Street since 26th February, 1915, does not, in the face of the respondent's denial, prove that the respondent was the owner of that lot during the year 1940.

7. The Board therefore dismisses the appeal and confirms the assessment of the said lands and building as determined by the Judge.

DATED at Toronto this 21st day of April, 1941.

R. S. COLTER,
Chairman.

P.F. B-79

IN THE MATTER of "The Assessment Act"

AND IN THE MATTER of an Appeal of Hotel Belvedere Limited.

Counsel:

W. E. Spencer, Esq., K.C.,	For the Appellant Hotel Belvedere, Limited
H. R. Davidson, Esq.,	For the Respondent, The City of London

REASONS FOR DECISION

THIS IS AN APPEAL both by the Hotel Belvedere and the city of London heard at London on May 20th, 1941, from the Judgment of His Honour Judge Wearing dated April 7th, 1941, wherein the appeal of the Hotel Belvedere from the decision of the Court of Revision was dismissed.

The 1940 assessment was as follows:

Land	$35,780.00	
Building	42,120.00	$77,900.00

In 1939 the assessment was:

Land	30,855.00	
Building	33,645.00	$66,500.00

There was an increase in the 1940 assessment of

Land	4,925.00	
Buildings	6,475.00	$11,400.00

The 1939 assessment had been maintained for a number of years prior to 1940.

On appeal by the Company to the Court of Revision, that Court reduced the assessment on the Building by $7,900.00, leaving the assessment as follows:

Land	$35,780.00	
Building	34,220.00	$70,000.00

No reasons were given for this reduction in Building Assessment. From this Judgment the Company appealed to the Judge who dismissed the appeal without giving reasons.

The Company offered the evidence of John Putherbough, a contractor and builder of extensive experience in London and P. B. Fatherley, a valuator of experience. Putherbough "valued the property according to its earning power" and said that in his opinion its value today is $55,799.00. He said that in his opinion the building is actually worth $30,000.00 and the land is worth $22,799.00. He said the building did not add any value to the land and that the land would be worth more if the building were removed. Fatherley also refused to place a value on the land or to say how much the value of the land was increased by the building. He said he was called to give the value of the land comparative to the assessment of the surrounding properties. He compared the assessments of other hotels in London to show that in 1937, 1939 and 1940, the assessments of other hotels except in one or two instances had not been increased between 1927 and 1940. Neither of these witnesses assisted the Board in finding the true value of the property.

For the City, Bert Weir, a Real Estate Broker and appraiser in London for 25 years, and who sold many of the hotels in London since 1934, England, an employee of the City Assessment Department who had charge of the Building Valuation Department, and R. E. Ashton, Deputy Assessment Commissioner who deals with the Real Estate Assessment, were called.

Weir said that there has been a very heavy demand for hotels since 1934 when licenses for the sale of beer and wine were issued. He said he had capitalized the present rentals and returns from this hotel and from that he had arrived at a valuation of $149,000.00 but said that in his opinion the hotel would sell for more than that price, more nearly $200,000.00. He also compared the present assessment of this hotel with the neighbouring properties and said that in his opinion the land in question alone should be assessed at $45,822.00 and that the Buildings added at least $103,628.00 to the value of the land.

England said that the Buildings in London were not re-assessed each year; that a new assessment was made only when there were erections or additions or extensive changes. In 1939 there had been extensive repairs to one of the other hotels and in re-assessing that, he felt that he should equalize the other hotels, and with that in view, had made examinations, as a result of which the assessment on the hotel in question had been increased. He explained his method of assessment of all buildings, showed that the cubic foot content of the building in question was 271,830 and that in his opinion it should have been assessed at 16 cents per cubic foot but after consulting with the Deputy Assessment Commissioner, he reduced this to 14 cents, the same as in the Iroquois, and other hotels. Why this should have been reduced by $7,900.00 by the Court of Revision is not explained in that Court's finding.

Ashton's evidence as to his method of assessing this land and other land was very convincing, and the Board would not be justified in interfering with his assessment of the land.

Counsel for the City tendered a Deed to show that the present owners of Hotel Belvedere in 1927 paid $126,000.00 for this property. This was admitted by Counsel for the Hotel Company. Weir in his evidence said that since Licenses were granted for the sale of beer and wine in 1934, the selling value of all hotels had materially increased.

The Board does not find any reason to interfere with the finding of the Court of Revision, as confirmed by the County Judge. The appeal will therefore be dismissed without costs.

The Counter-Appeal is also dismissed without costs.

DATED at Toronto, this 26th day of June, A.D. 1941.

R. S. COLTER,
Chairman.

W. P. NEAR,
Vice-Chairman.

ALAN VAN EVERY,
Member.

P.F. A-9831.

IN THE MATTER of Sections 83 and 84 of "The Assessment Act,"

BETWEEN:

LONG LAC TELEPHONES LIMITED,

Appellant,

—and—

THE CORPORATION OF THE TOWN OF GERALDTON,

Respondent.

COUNSEL:

H. A. Coon	for the Appellant
G. B. Weiler	for the Respondent

THIS IS AN APPEAL by the Long Lac Telephones Limited from the Judgment of His Honour Judge Dowler dated August 29th, 1940, dismissing the appeal of the Company from the findings of the Court of Revision, and was heard by the Board at its Chambers in the Parliament Buildings in the City of Toronto on Monday, May 19th, 1941.

The Company admits that its subscribers paid to it the sum of approximately $5500.00 for long distance telephone calls but says that from these receipts, under its agreement with the Bell Telephone Company, it retained only its commission amounting to $572.00 and that therefore it should be assessed 60 per cent. of $572.00 and not 60 per cent. of $5500.00.

The Appellant says that it connects with the Bell Telephone Lines at the C.N.R. Station about one-third of a mile distant; that for the use of this line, making the connections and collections, it receives commissions on Long Distance business which commission in 1940 amounted to $572.00; that the balance of collections for Long Distance business was earned by the Bell lines, which were not within the town and that it should not be assessed for receipts for business earned otherwise than within the municipality.

It is admitted that all of the business originated within the municipality, that the appellant received statements from the Bell Company and included the charges in the accounts it sent out in its name to its subscribers, and that if the accounts were not collected, it, the appellant, was the loser and that all contracts by the subscribers were made with the appellant.

The Assessment Act, R.S.O. 1937, Cap. 272, Section 12, S.S. 1 and 2, reads as follows:

> (1) Every telephone company carrying on business in a city, town, village or police village, in addition to any other assessment to which it may be liable under this act, shall be assessed for sixty per centum of the amount of the gross receipts from all telephone and other equipment belonging to the company located within the municipal limits of the city, town, village or police village, for the year ending on the 31st day of December next preceding the assessment; but in cities having a population of not less than 100,000 such company shall be assessed for seventy-five per centum of such gross receipts.
>
> (2) To remove doubts it is hereby declared that the receipts of a telephone company from long distance business or calls in a municipality or police village are and always have been liable to assessment under the provisions of subsection 1 in such municipality or police village.

Counsel for the appellant referred to two cases, Bell Telephone and Lancaster, 13 O.W.N. 17, which held that a Town could not assess a telephone company for receipts received by it from Long Distance business, and Temiskaming Telephone Co. vs. Cobalt, 13 O.W.N. 148, which referred to and followed the decision in Bell Telephone vs. Lancaster.

Both of these cases were decided in 1917. Subsection 2 was passed in 1919.

The Board therefore finds that the Appellant has received from long distance business or calls in the Municipality of Geraldton the sum of $5500.00 and is liable to assessment by the municipality for sixty per cent. of the said receipts.

The appeal is therefore dismissed. No costs.

DATED at Toronto this sixth day of June, A.D. 1941.

R. S. COLTER,
Chairman,

W. P. NEAR,
Vice-Chairman,

ALAN VAN EVERY,
Member.

P.F. A-9617.

IN THE MATTER of Section 83 of "The Assessment Act,"

BETWEEN:

RUSSELL INDUSTRIES LIMITED,

Appellant,

—and—

THE CORPORATION OF THE CITY OF TORONTO,

Respondent.

(Income $263,669.00)

H. C. Walker, K.C. for the Appellant

J. Palmer Kent, K.C. for the Respondent

BOARD'S DECISION

THIS IS AN APPEAL from the Judgment of His Honour Judge Macdonnell confirming the Judgment of the Court of Revision of the assessment of the appellant on income of $263,669.00 received by it in the year 1938.

The Appellant filed a return Exhibit 1 with the Department of Assessment showing:

Name of Corporation—Russell Industries Limited.

Nature of Business—Manufacturing and dealing in bicycles, bicycle parts, skates, sporting goods, other goods, wares and merchandise and acquiring, holding, lending upon and dealing in securities of all kinds directly and through controlled Companies.

Address of head office—207 Weston Road South, Toronto, Ontario.

Name of President—Mr. T. A. Russell.

Name of Chief Officer in Ontario—Mr. T. A. Russell.

1. The profit or gain directly or indirectly received by the corporation from its business or undertaking, but not including income from investments $265,169.74

10. Total Income 265,169.74

11. Statutory Exemption 1,500.00

12. Income derived from the business in respect of which the corporation is liable to business assessment under Section 8 of The Assessment Act, as shown in Item 1 265,169.74

13. Expense in respect of real estate outside Ontario (Item 3) Nil.

14. Any other deduction or exemption to which the corporation claims to be entitled Nil

15. Total deductions and exemptions claimed 266,669.74
Total income (Item 10) 265,169.74
Total deductions and exemptions claimed (Item 15) 266,669.74

16. Assessable Income Nil

17. Names and addresses of parent, subsidiary and affiliated corporations having head office or chief place of business in this municipality.

Name of Corporation	Address
Canadian Acme Screw & Gear Limited	207 Weston Rd. South Toronto, Ont.
West Toronto Holdings Limited	207 Weston Rd. South, Toronto, Ont.

The appellant was assessed as follows:

Taxable Income	$263,669.00

(Being the income of $265,169.74 less exemption of $1500.00)

The taxes on this amounted to $9,162.50. The appellant appealed to the Court of Revision and to the County Judge and in both courts the Assessment was confirmed and the appeal dismissed. From the Judgment of His Honour Judge Macdonnell the appellant appealed to this Board and the appeal was heard by the full Board on the 25th day of September, A.D. 1940.

In presenting the appeal, Counsel for the appellant abandoned the claim (as shown in Income Tax return Exhibit 1) that the business of the company is manufacturing and dealing in bicycles, bicycle parts, skates, sporting goods, other goods, wares and merchandise, and claimed that it is carrying on the business of "acquiring, holding, lending upon and dealing in securities of all kinds directly or through controlled companies," or, in other words, that it is really carrying on the business of an investment trust company in managing and controlling the affairs of its two subsidiaries, and investing the capital of the company. There are three subsidiaries of the appellant, Canadian Acme Screw and Gear Limited, in which the appellant owns 91 per cent. of the shares, the West Toronto Holdings Limited, in which the appellant owns all of the shares except some qualifying shares, and from which the appellant received no profit, and the Canada Cycle and Motor Company Limited, having its head office at Weston, Ontario, from which a dividend of $270,000.00 was received by the appellants. The appellant also owns what is called a "portfolio of investments" from which profits were received.

The profit and loss account of the appellants filed as an exhibit shows as follows:

Profit and Loss Account—December 31st, 1938

Dividend Canada Cycle & Motor Company Limited	$270,000.00	
Interest on Bonds	1,193.15	
Dividends on Investments	21,478.52	
Dividends on Life Insurance	541.07	
Premium on U.S. funds	15.11	
		293,227.85
Salaries	9,975.00	
Rent	360.00	
General Expense	3,374.16	
Taxes	5,339.47	
Interest Payable	5,105.67	
Postage	75.81	
Stamp and Excise Taxes	78.00	
Subscriptions and Donations	500.00	
Auditors' fees	250.00	
Directors' Fees	5,000.00	28,058.11
		$265,169.74
Less—Dividends on Preferred Shares	$ 70,008.00	
Dividends on Common Shares	56,000.00	126,008.00
		$139,161.74

The officers and directors of the appellants and of the Canada Cycle and Motor Co. Ltd., and Canadian Acme Screw and Gear Limited, are as follows:

	Russell Industries Limited	C.C.M.	ACME
PRESIDENT	T. A. Russell	T. A. Russell	T. A. Russell
VICE-PRES.	H. R. Tudhope	J. W. Gibson	C. J. Harris
GEN. MANAGER		G. S. Braden	N. P. Petersen
SECRETARY	G. W. Suggitt	H. C. Higgons	C. W. Suggitt
DIRECTORS	T. A. Russell	T. A. Russell	T. A. Russell
	H. R. Tudhope	H. R. Tudhope	C. J. Harris
	C. J. Harris	C. J. Harris	N. P. Petersen
	G. S. Braden	G. S. Braden	T. B. Russell
	J. W. Gibson	J. W. Gibson	W. R. Mitchell (nominee of National Acme)
	N. P. Petersen		
	T. B. Russell		

The Canada Cycle and Motor Company Limited has its head office and plant at Weston, Ontario. The Canadian Acme Screw and Gear Limited has its head office and plant in the building described as 207 Weston Road South, Toronto, Ontario. The evidence shows that for some years the appellant rented from its subsidiary, Canadian Acme Screw and Gear Limited, two rooms in one part of the building at 207 Weston Road South, and that a lease was prepared and executed dated "as of the 1st day of January, 1939" in which a description of the two rooms marked "Russell" and "Harris" is given. Across the hall from these offices is a room marked "Mr. Russell's Secretary." This room is not included in the lease. The rental for the two rooms is $30.00 per month. Mr. Russell is the president of the appellant company and of each of the subsidiaries. Mr. Harris is Vice-President of the Canadian Acme Screw and Gear and a director of each company.

The evidence shows that a committee composed of Messrs. T. A. Russell, H. R. Tudhope and C. J. Harris, was appointed by the company to have charge of the purchase and selling of stock and shares and the investment of the capital of the company. This committee reported to the company from time to time at its meetings held in the office at 207 Weston Road South. Five or six of these meetings were held each year. The only meetings held at the office at 207 Weston Road South were the election of officers, and the hearing and adopting of reports.

It should be noted that Messrs. Russell and Harris, whose offices are described in the lease referred to, are the president and vice-president of Canadian Acme Screw and Gear Limited, and that the head office and plant of the Canadian Acme Screw and Gear Limited are at the same address, and that the other offices shown on the plan filed and attached to the lease are the offices of the other officials of Canadian Acme Screw and Gear Limited. It should also be noted that Mr. Russell is the President and Mr. Harris is one of the directors of Canada Cycle and Motor Company Limited and that the head office and plant of the Canada Cycle and Motor Company Limited are at Weston, Ontario.

Canadian Acme Screw and Gear Limited is assessed for business assessment on the whole building (including the offices mentioned in the lease) at 207 Weston Road South. There is no evidence as to the value of these offices for assessment purposes.

Counsel for the appellant claims that his client is carrying on the business of "acquiring, holding, lending, lending upon and dealing in securities of all kinds directly and through controlled companies" in those offices at 207 Weston Road South, that it should be assessed for "business" and that when so assessed it could not be assessed for income. Subsection 1 of Section 8 of "The Assessment Act" (R.S.O. 1937, Chapter 272) provides as follows:

> 8. (1) Irrespective of any assessment of land under this Act, every person occupying or using land for the purpose of any business mentioned or described in this section shall be assessed for a sum to be called "business assessment" to be computed by reference to the assessed value of the land so occupied or used by him, as follows:
>
> (c) Every person carrying on the business of a wholesale merchant, of an insurance company, a loan company or a trust company, as defined by this Act, or of an express company carrying on business on or in connection with a railway or steamboats or sailing or other vessels or of a land company, or of a loaning land corporation, or of a bank or a banker, or of any other financial business for a sum equal to seventy-five per centum of the said assessed value.
>
> (k) Every person carrying on the business or a photographer or of a theatre, concert hall, or skating rink, or other place of amusement, or of a boarding stable or a livery, or the letting of vehicles or other property for hire, or of a restaurant, eating house, or other house of public entertainment, or of a hotel or any other business not before in this section or in clause 1 specially mentioned, for a sum equal to twenty-five per centum of the assessed value.

Counsel for the Appellant claims that it should be assessed for business either under (c) as an investment trust company or under (k) as "any business not before in this section or in clause 1 specially mentioned."

In his argument, Mr. Walker for the appellant, says:

"I get the impression of a company with very substantial investment in three

> other wholly owned subsidiaries or practically wholly owned and in addition a substantial $500,000 investment in securities of companies other than its own over which they have no control at all. Now they have the stock of that company listed on the stock exchange. The duties of the directors of that company are to look after the interests of those shareholders. They must see that that money is invested profitably and where they have control their duty is to exercise that control, I submit, with the object of seeing that the companies that they control are efficiently managed."

The evidence does not bear out Mr. Walker's impression. There is no evidence of any control of subsidiary companies emanating from the appellant's offices at 207 Weston Road South, except control of the business of Acme Screw and Gear Limited. The control of the business of Canada Cycle and Motor Company Limited emanates from the office of that company at its plant in Weston, Ontario. The income of the appellant was wholly from the profits of the Canada Cycle and Motor Company Limited and from the proceeds of the investments of surplus income. The meetings of the directors held at the offices at 207 Weston Road South, so far as is shown by the minute books, were held for the purpose of receiving reports of the committees, and the election of officers and declaring dividends. There is no evidence that the conduct and management of the affairs of the subsidiary companies were controlled at any of these meetings. There is no evidence that the directors of the subsidiary companies attended the directors' meetings of the appellant company other than as directors of the appellant company. There is no evidence to show that any officer or employee of the subsidiary companies was called before the directors' meeting to discuss the management of that subsidiary company.

There are many authorities deciding the question as to what is 'carrying on a business', but each of these cases is determined on its own facts. In Smith vs. Anderson (1880 15 Chancery Div. 247), James, L. J., remarked:

> "Under certain circumstances almost every trustee is entitled to sell investments and change them for others. That surely is not trafficking."

In Hatch vs. Minister of National Revenue (1938, Ex. C.R. 208), Mr. Justice Angers said:

> "I am satisfied that Trinity Securities Limited did not carry on two separate businesses and that the investment of those funds was not in itself a business."

In Smith vs. Anderson, Cotton, L. J. says:

> "The only business done at them was to receive and consider a report from the trustees on the condition and affairs of the trust, to appoint auditors to audit the accounts, and to elect new trustees to fill up vacancies. It is impossible, in my opinion, to say that the certificate holders are by themselves in any way carrying on any business by reason of what is done at these meetings."

In Re Toronto vs. G. T. Fulford Company Limited, 22 O.W.N. 50, at page 52, McIntyre, then Chairman of the Ontario Municipal Board, said:

> "Whether these moneys (a) $4385.00 from Dr. Williams Co. of Australasia; (b) $6975.00 dividends from Dr. Williams Medicine Co., Africa; (c) $7,000.00 dividends from W. J. Hanson Co., Schnectady, N.Y., were paid over to the G. T. Fulford Co., as dividends, etc.—the moneys were earned by the latter companies and not by the Fulford Company which had no ownership in the moneys until the surplus was ascertained and paid over in the case of the Australasia Company and the dividends were declared by the other two companies."

The Board finds that the appellant company was not carrying on a business within the meaning of Section 8 of "The Assessment Act" at the offices mentioned in the lease at 207 Weston Road South and that even if it were carrying on a business at those premises, the profits received by it from the Canada Cycle and Motor Company Limited and from its other investments were not received by it by reason of that business. The appeal is therefore dismissed with costs to be taxed on the Supreme Court scale.

DATED at Toronto this 14th day of January, A.D. 1941.

R. S. COLTER,
Chairman,
W. P. NEAR,
Vice-Chairman,
ALAN VAN EVERY,
Member.

P.F. A-9998.

IN THE MATTER of Section 84 of "The Assessment Act" (R.S.O. 1937, Chapter 272).

BETWEEN:

THE CORPORATION OF THE TOWNSHIP OF SANDWICH EAST,

Appellant,

—and—

THE WINDSOR FLYING TRAINING SCHOOL, LIMITED,

Respondent.

COUNSEL:

J. A. Kennedy	for the Appellant
G. C. Richards	for the Respondent

REASONS FOR DECISION

This is an appeal from the Judgment of His Honor Judge Coughlin, heard by the Board at the City of Windsor on the 25th day of April, A.D. 1941. The appeal involves an assessment by the Municipal Corporation of the Township of Sandwich East of the Windsor Flying and Training School Limited, which company was assessed with Trans-Canada Air Lines as tenants of the property owned by the Dominion of Canada, as follows:

Land	$127,000.00
Buildings	99,065.00
Business	56,500.00

In his judgment the learned Judge found that the appellants herein were not assessable.

Upon hearing the evidence adduced and what was alleged by Counsel for both parties, and after reading the Reasons for Judgment, the Board feels that it cannot usefully add anything to the said reasons and fully concurs therein.

The appeal is therefore dismissed. There will be no costs.

DATED at Toronto this 27th day of June, A.D. 1941.

R. S. COLTER,
Chairman,

W. P. NEAR,
Vice-Chairman,

ALAN VAN EVERY,
Member.

P.F. A-9579.

IN THE MATTER of Section 83 of "The Assessment Act,"

BETWEEN:

TECK-HUGHES GOLD MINES LIMITED,

Appellant.

—and—

THE CORPORATION OF THE CITY OF TORONTO,

Respondent.

J. G. Middleton ....for the Appellant

J. Palmer Kent, K.C.. for the Respondent

This is an appeal from the Judgment of His Honour Judge Macdonnell, County Court Judge of the County of York, dated the 17th day of July, 1940, dismissing the Appellant's appeal from the Decision of the Court of Revision of the City of Toronto with regard to the municipal income tax assessment for the year 1939 of certain income received by the Appellant in the year 1938, and also with regard to the designation of the business of the Appellant in its notice of business assessment made in the year 1939. The appeal was heard by the Board at its Chambers in the Parliament Buildings in the City of Toronto on the 25th day of September, A.D. 1940.

The appeal with regard to the income assessment is in respect of the sum of $56,335.62 received by the Appellant in the year 1938 from Lamaque Gold Mines, Limited. The appeal with regard to the business assessment of the Appellant in the year 1939 is upon the ground that the Appellant should have been so assessed as "Mine Operator, Controller and Explorer, operating directly or through controlled Companies" instead of "Miners and Explorers." It was argued that the income in question was derived from the business described by the designation which the Appellant contends should have been shown on the notice of business assessment in the year 1939.

In the year 1932 the Appellant was approached by certain interests in Quebec as to the development of a mine at Lamaque and after investigation by the Appellant an agreement was made whereby a Company was formed with a share capital of 3,000,000 shares of par value of $1.00, 700,000 of which shares were to be given to the said interests in consideration of the turning over of the properties, and the Appellant was permitted under option to purchase 400,000 shares the first year, 600,000 the second year and 800,000 the third year, the Appellant to have full control of the policy and operation of the Company, the remaining 500,000 to be held in the Treasury. It was found that the money received from the sale of the 1,800,000 shares was not sufficient to complete the operation and that a further $1,000,000 would be required. It was at first suggested that the new Company should be merged with the Appellant Company, but the part interests would not consent. Finally it was agreed that a mortgage and bond issue for $2,000,000 should be taken by the Appellant, the money to be paid in as required for development.

The remaining 500,000 shares of the original 3,000,000 shares were divided 72 per cent. to the Appellant, 24 per cent. to Read Authier Company and 4 per cent. to Canadian Exploration Company, the latter two being the original interests. Money was advanced by the appellant from time to time under the agreement on the Mortgage and Bond issue and when the mine began production, the advances were repaid, the last payment with interest being made in 1938. This appeal is from the assessment of the appellant for $56,335.62 being interest earned from the Lamaque bonds in that year. In the year 1938 the appellant owned 70.8 per cent. of the Lamaque shares.

The executive officers and directors of the Appellant and the Lamaque Gold Mines Limited are as follows:

	Teck-Hughes	**Lamaque**
Chairman of the Board	Albert W. Johnston	
President	David L. H. Forbes	David L. H. Forbes
Vice-President	George C. Miller	H. C. McCloskey
Secretary	H. C. McCloskey	P. Nugent Tapley
Treasurer	Kintzing P. Emmons	
Assistant Treasurer	P. Nugent Tapley	
Assistant Secretary	James W. Stephenson	James W. Stephenson
Directors	Kintzing P. Emmons	David L. H. Forbes
	David L. H. Forbes	John F. Lash
	Albert W. Johnston	Herbert C. McCloskey
	John F. Lash	George C. Miller
	George C. Miller	P. Nugent Tapley
	H. C. McCloskey	
	John S. Thompson	

Dr. Forbes, the President and General Manager of both companies, gave evidence before the Board as follows:
To Mr. Middleton:

P. 11, Q. 15: "In Lamaque Mining Company all of the stock is owned by Lamaque Gold Mines Limited and Teck Hughes Gold Mines Limited exercise control through 70.8 per cent. stock ownership and having four of the five directors of Lamaque Gold Mines Limited on the same Board as Teck Hughes Gold Mines Limited which has seven directors.

P. 12, Q. 24: At present there is the closest possible co-operation of the operating staff of the two companies and it works out to the benefit of both. The engineers of both companies interchange visits with both mines and use their special investigation for the benefit of both companies.

P. 12, Q. 25: Q. What is done about the policy of Lamaque, who directs that?

A. Fundamentally of course the Board of Directors of Teck Hughes and its officers.

P. 13, Q. 26: Q. Just how is that accomplished?

A. By the four of the five directors or all five directors of the Lamaque Gold Mines Limited are really Teck Hughes directors or officers.

P. 13, Q. 27: Q. You exercise some influence over that as general manager of both companies?

A. Being general manager I can not fail to have some influence in a way.

P. 13, Q. 28: Q. Suppose there were financial problems or arrangements of Lamaque to be made, how is that accomplished?

A. In the history, in the brief outline history I pointed out that the financing in the early stages was facilitated greatly by the officers of the Teck Hughes Company being able to draw money from the Teck Hughes Treasury and give it over to Lamaque operation as needed and this was done all through the early stages in 1933, largely by means of demand notes. In these demand notes when money was called for to meet cost of supply, a demand note was made out by Lamaque Gold Mines Limited, and these were presented at the meeting of the Board of Directors and there would be shares issued to Teck Hughes Gold Mines Limited.

P. 13, Q. 29: Q. And the demand notes would be withdrawn accordingly?

A. That carried on until $1,800,000 had been provided and the remaining 500,000 shares were also sold.

P. 13, Q. 30: Q. When you came to loan this money on the $2,000,000 issue of Lamaque bonds where did Teck Hughes get that money?

A. From its own cash.

P. 13, Q. 31: Q. That was part of its own working capital?

A. Yes, working capital.

P. 14, Q. 32: Q. That was not an investment as surplus income?

A. I would say that the original, some $450,000 was undoubtedly working capital. How much was working capital and how much surplus in the subsequent operation I am not prepared to argue or state an opinion on. I think it is a matter for auditors rather than engineers.

P. 14, Q. 35: Q. Would you say that Teck Hughes furnish to Lamaque any definite service from which Lamaque would benefit?

A. Most decidedly. While it was not an actual merger in everything on legal entities, they were operating as one company, interchanging staff and facilities of engineers between lines and resources were of use to one another and I may say that the resources of Lamaque Gold Mines Limited turned out to be the most useful to the Teck operation. Its assaying and geological finds have been very useful to Teck Hughes.

In cross examination by Mr. Kent, Dr. Forbes said:

P. 16, Q. 1: "Q. Just a few questions to clear up one or two matters. I am speaking particularly of 1938. At that time the head office of Teck Hughes was at 25 King West?

A. The executive offices were and if you are speaking of the registry office, I think it was too. If not, then it was very close to that time. We notified the city when the move from Kirkland Lake was made there.

P. 16, Q. 2: Q. That is the letter Exhibit 5. The letter is dated December 16th, 1938 and says the company has lately changed to this city. It was some time in 1938 that the head office was established in Toronto.

A. The legal head office, the registered head office. The executive head offices which were referred to in previous questions had been there for some considerable time.

P. 16, Q. 4: Q. So far as the Lamaque head office it is in Lamaque, Quebec?

A. The head office legally, the controlling company, not the operating company, or both?

P. 17, Q. 12: Q. Just speaking for a moment about the operating officials of the two companies, first there is yourself and Mr. Tapley and Mr. Stephenson. They are all employed at 25 King West?

A. That is correct.

P. 17, Q. 26: Q. Do you receive salaries from both companies?

A. Yes, that is correct.

P. 18, Q. 27: Q. The services they render for Lamaque are paid for by Lamaque?

A. Yes, it is just a record, to keep both records of the companies straight. The apportionment is decided by Teck Hughes.

P. 18, Q. 35: Q. Would it be right in saying employees of Teck Hughes who render service to Lamaque or do something for Lamaque are paid a proportion of their salaries by Lamaque for their service?

A. It is just a matter of bookkeeping and the most convenient way we find is to have Teck Hughes render a bill against Lamaque for service for any employee and Lamaque to render a bill to Teck Hughes or Teck Exploration.

P. 19, Q. 36: Q. If a mining man from Teck Hughes was lent to Lamaque then he might be paid by Teck Hughes?

A. He would be paid and Teck Hughes would be reimbursed by money paid by voucher.

P. 20, Q. 45: Q. Are the shares of Lamaque Gold Mining Company, the Dominion Company, listed on the Toronto Stock Exchange?

A. It is a Dominion company listed on the Toronto Stock Exchange.

P. 21, Q. 49: Q. So far as this particular bond issue is concerned, Dr. Forbes, the amount lent by Lamaque was roughly $2,000,000?

P. 21, Q. 50: Q. Then it was paid off in 1938?

A. It was paid off at various times. The last block of bonds was redeemed in 1938.

P. 22, Q. 56: Q. In the evidence before the County Judge there was a reference, I would refer you to page 12 where you were questioned by Mr. Middleton:

> BY MR. MIDDLETON: Q. "Now what is the position as to the general manager of these two companies?"
>
> A. "The general manager of both companies directs the mining policies and has the entire control of the personnel of both companies."
>
> Q. "And he is, as you have said, yourself?
> A. "That is myself."
>
> BY THE COURT: Q. "You direct the policy, settle the policy, I suppose?" A. "Direct the operations of both companies and have entire control over the personnel."

On the following page there is a question by Mr. Middleton:

> Q. "Who controls the policies of Lamaque?"
> A. "I do through the Board of Directors at Lamaque."
>
> Q. "What would you say was the relationship of the Teck Hughes officers and directorate to the policy of Lamaque?"
> A. "Interested vitally because Lamaque is a very large or expected to be a very large source of income to the Teck Hughes Company."

A. I think I have set that out quite clearly in the statement that I have made at this hearing.

P. 29, Q. 5: Q. So far as controlling the company or controlling the subsidiary company you show no item of income that Teck Hughes derives from controlling the subsidiary company?
A. If I understand that question it is a charge for management of the subsidiary company. It could easily be done but it is not customary among mining companies to charge for management of a subsidiary company.

P. 29, Q. 6: Q. My friend included as one of the businesses of Teck Hughes the business of controlling subsidiary companies. I don't know what that is unless it means that you derive income from the management fee or something of that kind. Teck Hughes itself in 1938 did not derive any income from acting as controller of a subsidiary company?
A. Not a bookkeeping item but I would say that a considerable part of its income at the present time is a result of that management control. It won't appear as a bookkeeping item but it is an invisible return, that appears in the form of profits later on."

The objects of the Appellant as described by Supplementary Letters Patent dated October 26th, 1938, are very broad. Nevertheless, the Board finds that the income in question is not income derived from the business in respect of which the Appellant was assessable for business assessment in the year 1939, and that the business of the Appellant was properly designated in its business assessment of that year. Whether the appellant is assessed as "Mine operator, etc." in the manner asked by it, is of no effect in this appeal. The question in this appeal is whether the income received from the Lamaque Company by the Appellant is income received by reason of the business carried on by the Appellant. The Board finds that it is not.

Mr. Middleton contends that the decision in this case should be governed by Toronto and Famous Players Corporation Ltd. 1935 O.R. 314. The facts are altogether different. The Famous Players operated theatres which it owned, and theatres which it owned through subsidiary corporations which it controlled by its stockholdings therein and theatres owned by others, the policy of which it controlled by agreement. The income which the Company received was not interest on a loan, as in the present case.

The Appellant Company and Lamaque Gold Mines Limited are separate entities. The income referred to in this appeal is money earned by Lamaque and paid to the Appellant as interest on a loan by the Appellant. Does the fact that Dr. Forbes is President and General Manager of both companies, that the Appellant loans to the Lamaque Company officials and workmen whose services are paid for by Lamaque, or that the Appellant owns 70.8 per cent. of the shares of Lamaque, affect the matter in any way? The Board does not think so. If the loan had been made to a person or company in which the Appellant had no interest, the effect would have been the same. The Board finds as a fact that the appellant is not managing and controlling and carrying on the business of Lamaque. The business of Lamaque is controlled and managed by its own officers and directors and the company's head office is at Lamaque, in the Province of Quebec. The Board finds that the sum of $56,335.62 was earned by Lamaque, was paid to the Appellant as interest on a loan made by the Appellant to Lamaque and is income of the Appellant, and was properly assessed to the Appellant.

The appeal is therefore dismissed with costs to be taxed on the Supreme Court scale.

DATED at Toronto this 20th day of January, A.D. 1941.

R. S. COLTER,
Chairman,

W. P. NEAR,
Vice-Chairman,

ALAN VAN EVERY.
Member.

P.F. A-9997,

IN THE MATTER of Section 84 of "The Assessment Act" (R.S.O. 1937, Chapter 272).

BETWEEN:

TRANS-CANADA AIR LINES

Appellant,

—and—

THE CORPORATION OF THE TOWNSHIP OF SANDWICH EAST

Respondent.

COUNSEL:

A. D. McDonald, Esq., and
W. J. Matthews, Esq. .... for the Appellant

J. A. Kennedy, Esq. .... for the Respondent

REASONS FOR DECISION

This is an Appeal heard at the City of Windsor on the 25th day of April, 1941, from the Judgment of His Honour Judge Coughlin, involving an assessment of $281,500.00 on lands in the Township of Sandwich East owned by the Dominion Government and used as the Windsor Airport. In his Judgment the learned Judge found that the appellant herein should be assessed as follows:

On land and building inclusive of easement	$19,670.00
On business, 25 per cent. of $19,670.00	4,918.00
	$24,588.00

On the opening of the appeal before this Board, counsel for the Township of Sandwich East claimed that the assessment was less than $40,000.00 and that therefore the appellant had no right to appeal to this Board. Section 84 of "The Assessment Act" reads as follows:

(1) Where a person is assessed to an amount aggregating in a municipality in territory without county organization $10,000 or upwards and in any other municipality $40,000 or upwards, an appeal shall lie from the decision of the judge to the Ontario Municipal Board, and any person who had appealed or was entitled to appeal from the court of revision to the judge or the municipal corporation, shall be entitled to make the appeal to the Board.

(2) An appeal to the Board shall also lie where the amount though originally less than the sum mentioned in subsection 1 has been increased by the court of revision or by the judge so that it equals or exceeds that sum.

Section 77 of "The Assessment Act" reads as follows:

> "At the court to be holden by the county judge, or acting judge of the court, to hear the appeals hereinbefore provided for, the person having charge of the assessment roll passed by the court of revision shall appear and produce such roll, and all papers and writings in his custody connected with the matter of the appeal, and such roll shall be altered and amended according to the decision of the judge, if then given, who shall write his initials against any part of the said roll in which any mistake, error or omission is corrected or supplied, and if the decision is not then given, the clerk of the court shall, when the same is given, forthwith alter and amend the roll according to the same, and shall write his name or initials against every such alteration or correction, and shall forthwith by registered post notify the parties or their agents.

What is the effect of the latter part of Subsection 1:

> "And any person who had appealed or was entitled to appeal from the court of revision to the judge or the municipal corporation, shall be entitled to make the appeal to the Board."

Notwithstanding the wording of the first part of subsection 1, and nothwithstanding the fact that the Judge must, in accordance with Section 97, alter and amend the roll in accordance with his decision, the latter part of Subsection 1 would have no effect if the contention of Counsel for the Respondent should be correct.

It was also argued by Counsel for the Appellant that "by analogy" Subsection 2 of Section 84 would give the appellant the right to appeal to the Board.

The Board finds that the appellant is a "person who had appealed or was entitled to appeal from the Court of Revision to the Judge" and is entitled to appeal to this Board.

The title to the lands of the Windsor Air Harbour is vested in the Dominion of Canada. The Air Harbour comprises approximately 363 acres of land, on which are erected an administration building and other buildings and runways for the landing and flight of planes.

The Air Harbour at Windsor was constructed by the Department of Transport, and the said Department was granted a license, on the 1st day of August, 1940, under the Air regulations, 1938, and amendments thereto, for its use as a Public Airport —Exhibit 2.

Air Regulations as published in The Canada Gazette, August 20th, 1938, provide for the Licensing of Airports, and Section 6 of Part 3 provides that:

> The operator of any licensed airport shall be permitted to charge for the use of the airport or for any service performed only such fees as have been approved by the Minister for such airport. The tariff shall be posted up at the airport.

A Staff Circular, Exhibit 9, dated April 18th, 1941, shows the rates and charges covering the use of airports owned and operated by the Department of Transport by Scheduled Air-line Services, and mentions that the Rates and Charges had been approved.

First Schedule $100.00 per month.

Second and each succeeding Schedule $50.00 per month.

Rentals for office space in the administration building are separate from the above charges. The appellants rent floor space of 465 square feet in the Administration Building. This space is 13.7 per cent. of the total floor space of the Building. For this the appellant pays $465.00 per annum of $1.00 per square foot.

No other floor space is rented by the Department. The balance is used by the department for offices and the use of its officers; and from these offices the control of flights and landing of planes and the maintenance of the airport is exercised.

The Traffic Report of the Airport for the week ending April 19th, 1941, shows that there were fourteen scheduled arrivals and fourteen scheduled departures, these being the planes of the Appellant. There was one arrival and one departure of military planes; three arrivals and three departures of civil planes, eleven hundred and eighty-nine landings and eleven hundred and eighty-nine take offs of local (including military) planes, or a total of 2414 landings and take offs. This is a Public Airport and may be used by anyone who is willing to pay the tariff rates for Landings and Take offs.

The evidence shows that at some Airports the Appellant does not rent office space in Administration Buildings but that it has its own office space outside the Airport. In those instances it pays only the charges for landings and departures.

The Learned Judge has found that the Appellant by reason of the fact "that there is a tenancy on the part of the building, joined with the fact that in connection with the business for which the tenant uses the building, it exercises right over adjoining lands of a kind that might naturally be the subject of an easement appurtenant to the tenancy seems to warrant the assessor in assessing the tenant for an easement and to throw upon the tenant the onus of establishing that the rights exercised over the said adjoining lands are based on some other title. Such onus has not been sustained."

With deference the Board is unable to agree with those findings. It cannot agree that the rights which the appellant has to dispatch and land its planes on payment of the prescribed charges, has anything whatever to do with the Rental of a part of the Building, or that the Rental of part of the building has such connection with the landing and dispatch of its planes, that it gives the appellant a right over adjoining lands that might naturally be the subject of an easement appurtenant to the tenancy.

The Board finds therefore that the appellant by reason of payment of a rental for part of the floor space of the administration building, has no right in the nature of an easement over the adjoining lands, and that it, by reason of paying charges for the landing and dispatch of its planes, has no more than a license to use the conveniences supplied by the owners of the airport for that purpose.

The following facts are admitted by both parties:

Area of land, 362.84 acres.

Assessment of land ($350 per acre), $127,000.00.

Assessment of Building, $11,700.00.

Land occupied by building, 2940 square feet or one-fifteenth of an acre roughly.

Part of building occupied by Appellant, 13.7 per cent.

The building occupies 2940 square feet of land which is one-fifteenth of an acre approximately. The appellant occupies 465 square feet of the ground floor of the building so there should be an assessment levied for the percentage of the building which they occupy which would be roughly one-seventh of the land occupied by the building. An acre of land is assessed at $350.00 and the assessment should be one-seventh of one-fifteenth of $350.00 or roughly say $5.00. The appellant occupies 13.7 per cent. of the total building which is assessed at $11,700.00 and there should be an assessment for 13.7 per cent. of $11,700.00, which is $1,600.00.

The Board therefore finds that the Assessment Roll should be amended to read as follows:

		Land	Building	Total
His Majesty the King in the Right of the Dominion of Canada	O.	$5.00	$1,600.00	$1,605.00
Trans Canada Air Lines	T.			
and that the Business Assessment of the Appellant is 25 per cent. or				401.25

Judgment accordingly. There will be no costs.

DATED at Toronto this 26th day of June, A.D. 1941.

R. S. COLTER
Chairman,

W. P. NEAR,
Vice-Chairman,

ALAN VAN EVERY,
Member.

ORDERS OF THE BOARD

ORDERS ISSUED BY THE BOARD UNDER SECTION 70 OF "THE ONTARIO MUNICIPAL BOARD ACT" (R.S.O. 1937, CHAPTER 60) APPROVING OF THE UNDERTAKING OF CAPITAL EXPENDITURES

NOTE: Where approval granted under additional legislation, applications marked as follows:

"THE LOCAL IMPROVEMENT ACT"	
(a) Section 8	Approval of undertaking of work
(b) Section 29 (3)	Assessment for opening of lane
"THE MUNICIPAL ACT"	
(c) Section 307, s.s. (3), par. (e)	Approval of By-law for re-construction of foot bridge
(d) Section 310, (as re-enacted by O.S. 1938, c. 22, s. 6)	Approval of Interest decrease
(e) Section 315 s. (2)	Approval of Further Debt and Levies
(f) Section 407 s. (2)	Approval of By-law
(g) Section 502 s. (2)	Approval of Opening of Narrow Highway
"THE ONTARIO MUNICIPAL BOARD ACT"	
(h) Section 49	Amendment of Board's Order
(i) Section 59 (d)	Approval of Floating Indebtedness
(j) Section 59 (dd)	Approval of Retirement of Unmatured Debentures
(k) Section 69	Authority to Dispense with Vote of Electors
(l) Section 70 (as amended by O.S. 1941, C. 40, s. 3)	Additional expenditures not provided for in estimates for current year
(m) Section 64 (Part IV)	Validation of Debenture By-laws
SPECIAL LEGISLATION	
(n) "The Village of Forest Hill Act, 1937" (C. 89, s. (3))	Construction of extension to Vesta Drive and passing of By-law therefor
(o) "The City of Port Arthur Act" (O.S. 1941, Sections 2 and 3)	Installation of automatic telephone switchboard and equipment
(p) "The Township of Scarborough Act, 1923"	Purchase of site for sewage disposal works
(q) "The City of Toronto Act, 1940"	

Additional Legislation	Municipality	Purpose	Amount	Procedure File
	Aldborough, Township of	Repair and improvement of Wilton Drain No. 2	2,745.00	A-9904
	Aldborough, Township of	Repair and improvement of Coffey Drain and Branch	927.00	B- 164-a
	Aldborough, Township of	Improvement of outlet of Crandall Drain	325.00	B- 164-b
	Aldborough, Township of	Repair of Hookaway Drain	1,138.00	B- 177
	Aldborough, Township of	Repair and improvement of Carson Drain	539.00	B- 294
(e) (f)	Almonte, Town of	Watermain and sewer extensions	8,000.00	B- 463
(e) (f)	Almonte, Town of	Construction of Waterworks and sewers	4,000.00	B- 657
(i)	Amherstburg, Town of	Floating indebtedness	16,594.92	B- 683
	Ancaster, Township of	Watermain on King's Highway No. 2—Local Improvement (Petition)	2,611.55	A-9293
	Arnprior, Town of	Addition to High School Building	12,000.00	B- 12
	Barton, Township of	Sidewalk on east and west sides of Barons Avenue—Local Improvement—(Petition)	4,460.00	B- 9
	Barton, Township of	Sidewalk on east and west sides Cameron Avenue—Local Improvement—(Petition)	2,197.00	B- 77-a-b
	Barton, Township of	Water main and Sewer main on Barons Avenue and Cameron Avenue	13,884.98	B- 109
	Barton, Township of	Water main on Lawrence Road and Rosedale Avenue—Local Improvement (on Petition)	11,373.24	B- 487
	Barton, Township of	Water main on May Avenue—Local Improvement (on Petition)	1,000.00	B- 489
	Barton, Township of	Water main on Woodbridge Road—Local Improvement (on Petition)	2,363.56	B- 535
	Barton, Township of	Sidewalk west side of Cameron Avenue—Local Improvement (on Petition)	1,323.52	B- 540
	Barton, Township of	Water mains and sewers—Local Improvements—(on Petition)	5,525.67	B- 541
	Bayham, Township of	Construction of Berdan-Cheesman Drain	1,394.50	B- 106
(a)	Belleville, City of	Sewer—Victoria Avenue—Local Improvement (Initiative)	2,520.00	B- 442-a
	Belleville, City of	Re-lining of the retorts at the Municipal Gas Plant	8,000.00	B- 497
(c)	Belleville, City of	Construction of bridge for pedestrian traffic over Moira River	9,000.00	B- 498
	Blenheim, Town of	Sidewalks, Sheldrick Street &c.—Local Improvements (on Petition)	5,646.72	B- 599

	Bosanquet, Township of	Repair of the Grant Outlet Drain	635.00	B- 45-a
	Bosanquet, Township of	Repair of the Elliott Drain	464.00	B- 45-b
	Bosanquet, Township of	Repair of Stubbs Drain	790.00	B- 45-c
	Bosanquet, Township of	Repair of the Dumigan Outlet Drain	625.00	B- 45-d
	Bosanquet, Township of	Construction of the Donald-Romphf Drain	890.00	B- 45-e
	Bosanquet, Township of	Repair of the Coultis Drain	479.31	B- 45-f
	Bosanquet, Township of	Repair of the James Creek Drain	1,285.00	B- 316
	Bosanquet, Township of	Repair of the Mud Creek Drain	1,496.00	B- 466
	Bosanquet, Township of	Repair of the McPherson Drain	1,366.50	B- 760-a
	Bosanquet, Township of	Repair of the Brush Drain	980.00	B- 760-b
(h) (f) & (m)	Brantford, City of	Payment for Motor Buses to be used by The Public Utilities Commission	16,218.00	A-9977
(a)	Brantford, City of	Local Improvements—Concrete Walk, Sanitary Sewer and concrete curbs	2,586.50	B- 475
	Brantford, City of	Indebtedness for capital expenditures in connection with the Grand River Conservation Scheme	174,000.00	B- 823
(k)	Brockville, Town of	Retread pavement on Ormond Street	4,500.00	B- 209
(m)	Cairo, Powell, Yarrow and Kimberley, Board of Public School Trustees of Union School Section No. 1, in Unorganized Townships of	Erection of new school building in unincorporated Town of Matachewan	20,000.00	B- 533
	Camden, Township of	Repair of Dresden Swale Drain	224.48	A-9930
	Camden, Township of	Repair of Crowall Creek Drain	350.25	B- 308
	Camden, Township of	Repair of Young-Greenwood Drain	225.00	B- 428
	Camden, Township of	Repair of Hughes-Chauncey Drain	477.00	B- 686
	Cannington, Village of	Erection of building and installation of a flush toilet system in the Public and Continuation Schools	2,500.00	A-9763
	Carleton, County of	Construction and maintenance of County Roads other than suburban roads	19,750.00	B- 108-a
	Carleton, County of	Construction and maintenance of Suburban Roads	18,000.00	B- 108-b
(a)	Chatham, City of	Sidewalk, Stevenson Avenue	243.20	B-8373
	Chatham, City of	Sewer—Arnold Street Extension	240.00	A-9939
	Chatham, City of	Sidewalks—Buckingham Avenue, Willowmac Avenue and Cornhill Street—Local Improvements (Petition)	1,563.00	A-9988-1-2-3

	Chatham, City of	Sewer and Water Main—Prince Arthur Avenue — Local Improvements (on Petition)	884.00	B- 40-a-b
	Chatham, City of	Sewer and Watermain—Phyllis Avenue—Local Improvements (on Petition)	2,625.00	B- 78
	Chatham, City of	Sidewalk—Arnold Street—Local Improvement (on Petition)	230.00	B- 100
	Chatham, City of	Sidewalk on Phyllis Avenue—Local Improvement (on Petition)	715.00	B- 189
	Chatham, City of	Sidewalk on North Westerly side of Selkirk Street—Local Improvement (on Petition)	346.08	B- 253
	Chatham, City of	Sewer on Delaware Avenue—Local Improvement (on recommendation of Local Board of Health)	300.00	B- 315
	Chatham, City of	Sidewalks on Louisa Street and King Street—Local Improvements (on Petition)	1,466.00	B- 411-a-b
	Chatham, City of	Sewer on Delaware Avenue—Local Improvement	150.00	B- 492
	Chatham, City of	Sewer on Joseph Street—Local Improvement (on Petition)	750.00	B- 559
	Chatham, City of	Sidewalks and Watermain—Buckingham Avenue &c.—Local Improvements (on Petition)	1,335.00	B- 600-a-f
	Chatham, City of	Sewer, watermain and sidewalk—Elizabeth Street—Local Improvements (on Petition)	2,530.00	B- 669
	Chatham, City of	Watermain—Buckingham Avenue — Local Improvement (on Petition)	475.00	B- 697
	Chatham, City of	Curb and gutter—Gladstone Avenue Extension — Local Improvement (on Petition)	756.00	B- 740
	Chatham, City of	Sidewalk—First Street	136.80	B- 347
(m)	Colchester North, Twp. of	Improvement of Spindler Drain	2,447.15	B- 245
	Colchester North, Twp. of	Improvement of Edgar Sideroad Drain	664.12	B- 439
	Colchester North, Twp. of	Repair and Improvement of Hyland Sideroad Drain	2,469.20	B- 572
	Colchester South, Twp. of	Repair of the Crosby Drain	1,923.00	B- 320
	Colchester South, Twp. of	Repair and Improvement of Fifth Concession Road Drain	1,708.89	B- 484
	Collingwood, Town of	Purchase of sewer cleaner	750.00	B- 709
	Collingwood, Town of	Purchase of a 3-ton truck and a "V" model Snow Plow	1,973.63	B- 814
	Cornwall, Township of	Pavement—Brookdale Avenue—Local Improvement (on Petition)	8,925.00	A-8847
	Cornwall, Township of	Repair of the Stoney Creek Drain	790.00	B- 85-b
	Cornwall, Township of	Sewers—Lefebvre Street &c.—Local Improvements (on Petition)	6,027.44	B- 95-a

	Cornwall, Township of	Sidewalks—Easton and Hazel Avenues—Local Improvements (on Petition)	1,136.00	B- 349
	Cornwall, Township of	Addition to school and purchase of necessary equipment for public school section Seven	3,900.00	B- 408
	Cornwall, Township of	Sewer on Yates Avenue—Local Improvement (on Petition)	860.00	B- 420
(a)	Crowland, Township of	Sewers on Schofield Avenue and East Main Street	18,959.00	B- 25
	Crowland, Township of	Sidewalks—East and west sides of Wallace Avenue North and east and west sides of Wallace Avenue South—Local Improvements—(on Petition)	4,877.50	B- 105
(a)	Crowland, Township of	Water line—Schofield Avenue South—Local Improvement	2,948.00	B- 133
(a)	Crowland, Township of	Water line and sewer—Schofield Avenue north—Local Improvements	6,883.00	B- 202-a-b
	Delaware, Township of	Additional equipment in School House in School Section Number 2	2,000.00	B- 82
(m)	Delhi, Village of	Construction of new High School	95,000.00	B- 73
	Dereham, Township of	Maintenance of Warren Drain	1,650.00	B- 534
	Dover, Township of	Construction of extension drain and branch drain and improvement of Wilmore Drain	1,820.00	B- 61
	Dover, Township of	Repair and improvement of part of Hind Relief Drain	6,100.00	B- 132
	Dover, Township of	Repair and improvement of part of Dunlop Branch Drain	265.00	B- 355
	Dundas, Town of	Renewing and improving the lighting system and other necessary repairs to Public School Building	3,500.00	B- 304
	Dunwich, Township of	Construction of the McKellar Drain No. 3	378.00	A-9927
	Dunwich, Township of	Repair of Bennett Drain	1,151.00	B- 694-a
	Dunwich, Township of	Repair of Mennie Drain	1,432.85	B- 694-b
	Dunwich, Township of	Completion of Blue McFarlane Drain	220.33	B- 694-c
	East Gwillimbury, Twp. of	Purchase of a Power Grader and Snow Plough	7,000.00	B- 617
(m)	East Nissouri, Township of	Erection of Schoolhouse in Public School Section No. 4	5,000.00	B- 115
	East Nissouri, Township of	Purchase of a Power Maintainer (balance)	1,648.00	B- 208
	East Oxford, Township of	Repair of Overholt Drain	1,000.00	B- 383
	East Oxford, Township of	Purchase of certain vacant lands for public parks	225.89	B- 642
	East Oxford, Township of	Cleaning out of Ficht Drain	730.00	B- 723-a
	East Oxford, Township of	Cleaning out of Underhill Drain	750.00	B- 723-b

(j) & (m)	Eastview, Board of Trustees of R. C. Separate School of Ward 6 of Town of	Approval of issue of debentures to retire certain unmatured debentures	45,000.00	B- 152
	East York, Township of	Sewer in the Greenwood Sewer Area (on recommendation of Board of Health) (Local Improvement)	1,967.63	A-9974
(j) & (m)	East York, Township of	Debentures to retire certain unmatured debentures	375,232.69	A-9978
(d)	East York, Township of	Various sewers and local improvements—approval By-law 3205, amending By-laws 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2512, 2513, 2514, 2515 and 2517, by decreasing the rate of interest on the unmatured portion of debentures thereunder (By-laws 2394, 2395, 2512, 2513, 2514 and 2515—$354,589.39 validated)	456,412.36	A-9979
	East York, Township of	Snow cleaning; rinks and taking care of trees	3,000.00	B- 658
	Ekfrid, Township of	Repairs to the Morrow and Black Branch Drain	4,538.96	B- 783
	Ellice, Township of	Power Maintainer and Snow Plow	10,906.00	B- 154
	Ellice, Township of	Repair and improvement of the Mogh Drain	627.00	B- 375-a
	Ellice, Township of	Repair and improvement of the Sass Drain	1,926.00	B- 375-b
	Ellice, Township of	Repair and improvement of the Weir Drain	347.00	B- 587-a
	Ellice, Township of	Repair and improvement of the Ellice Maitland Drain	531.00	B- 587-b
	Elma, Township of	Repair and improvement of the former William H. Cleland Award Drain	1,960.00	B- 113-a
	Elma, Township of	Repair and improvement of the former John Hamilton Award Drain	2,025.00	B- 113-b
	Elma, Township of	Repair of the Peffers Drain	638.34	B- 381
	Elma, Township of	Repair and improvement of the Hanna Collis Drain	432.99	B- 478-a
	Elma, Township of	Repair and improvement of a portion of the Shearer Drain	2,850.00	B- 478-b
	Elmira, Town of	Sewer on Church Street—Local Improvement (on recommendation of Local Board of Health)	1,000.00	B- 584
	Elora, Village of	Assessment against the Corporation under the Grand River Conservation Act, 1938	4,000.00	B- 716
	Euphemia, Township of	Construction of Charles McDonald Drain	215.50	A-9919
	Euphemia, Township of	Repair and improvement of the Mason Drain	469.00	B- 398
	Euphemia, Township of	Construction of the Elgie Drain	346.00	B- 819
	Fonthill, Village of	Extension of Water line on Cemetery Road—Local Improvement (on Petition)	1,700.00	B- 459
	Forest, Town of	Rebuilding of Forest High School	5,000.00	A-9949

(h) (e)	Forest Hill, Village of	Watermain in Forest Ridge Drive—Local Improvement (on Petition)	1,851.00	A-9935
(e)	Forest Hill, Village of	Purchase of furniture, furnishings, school apparatus and a school library and other equipment and to improve the grounds of the West Preparatory School	30,000.00	B- 27
(e)	Forest Hill, Village of	Opening of Shallmar Blvd.—Local Improvement (on Petition)	3,510.00	B- 98
(e)	Forest Hill, Village of	Extension of Ridge Hill Drive—Local Improvement (on Petition)	4,500.00	B- 57
(e)	Forest Hill, Village of	Watermain in Ridge Hill Drive—$2,544.00 and also storm and sanitary sewers—$5,100.00—Local Improvements (on Petition)	7,644.00	B- 151-a-b
(e)	Forest Hill, Village of	Widening of south side of Wembley Road—Local Improvement (on Petition)	750.00	B- 196
(e)	Forest Hill, Village of	Construction of watermain in Park Hill Road—Local Improvement (on Petition)	1,797.00	B- 243-a
(e)	Forest Hill, Village of	Sanitary Sewer, Park Hill Road—Local Improvement—(on Petition)	3,300.00	B- 243-b
(e)	Forest Hill, Village of	Sanitary Sewer Roselawn Avenue and sewer Rosebury Avenue—Local Improvement (on Petition)	12,500.00	B- 341
(e)	Forest Hill, Village of	Watermains, Roselawn and Rosebury Avenues—Local Improvements—(on Petition)	7,677.00	B- 380
(e)	Forest Hill, Village of	Sewer on Pontiac Street—Local Improvement (on Petition)	4,100.00	B- 510-a
(e)	Forest Hill, Village of	Watermain in Pontiac Street—Local Improvement—(on Petition)	2,141.00	B- 510-b
(e) & (n)	Forest Hill, Village of	Extension of Vesta Drive	48,321.74	B- 581
(e)	Forest Hill, Village of	Pavement—Rosebury Avenue—Local Improvement (on Petition)	18,600.00	B- 607
(e)	Forest Hill, Village of	Storm and sanitary sewers on Elm Ridge Drive, Chippewa Street and Forest Ridge Drive—Local Improvements (on Petition)	16,600.00	B- 714
(a) & (e)	Forest Hill, Village of	Watermain in Elm Ridge Drive—Local Improvement	1,412.00	B- 825
(j) & (m)	Fort Erie, Town of	Retirement of unmatured debentures	360,000.00	A-10,000
(f) (d) & (m)	Fort William, City of	Purchase of buses to be used in conjunction with Street Railway	36,500.00	A-9789
	For William, City of	Installation of Sanitary Sinks and Closets in connection with private Sewer Connections	864.15	B- 8-a
	For William, City of	Private sewer connections	5,991.77	B- 8-b

(e)	Fort William, City of	Certain Concrete Walks, Plank Walks, Concrete Curbs, Paving and Sewer—Local Improvements (on Petition)	50,906.00	B- 38
(e)	Fort William, City of	Concrete sidewalks, Archibald Street &c. and surface treatment of Vickers Street—Local Improvements (on Petition)	18,929.00	B- 396
(g)	Galt, City of	Widening of Cooper Street and acquisition of land therefor—Local Improvement (on Petition)	2,890.00	A-9934-a
	Gladstone & Bright, Board of Trustees of Union School Section No. 1 of Townships of	Addition to School Building	3,000.00	B- 173
	Gloucester, Township of	Watermain and sewer on Prince Albert Street—Local Improvement (on Petition)	10,682.50	A-9772-c-d
(m)	Gloucester, Township of	Erection of School House in Union Public School Section Number 23	10,000.00	B- 610
	Gosfield North, Twp. of	Repair of Barlow Drain	1,154.28	B- 305
	Gosfield North, Twp. of	Deepening and improvement of Ruscomb Drain	2,752.00	B- 406
	Gosfield South, Twp of.	Cleaning and improving the "McDonald" Drain	1,436.00	A-9916
	Gosfield South, Twp of.	Construction of the Melville Brunner Drain	644.00	B- 722
(a), (e) & (h)	Grantham, Township of	Watermain extension and appurtenances on Johnson Street—Local Improvement	2,700.00	A-9906
	Grantham, Township of	Sidewalk on Ontario Street—Local Improvement (on Petition)	500.00	B- 462
	Grey, Township of	Repair of Hanna-Collis Drain	640.00	B- 479-a
	Grey, Township of	Repair of Cox Drain	2,340.00	B- 479-b
	Grey, Township of	Repair of the Fourteenth Concession Drain	761.54	B- 479-c
	Grey, Township of	Repair of the Johnston Drain	193.12	B- 479-d
	Grey, Township of	Repair of the Ewen Drain	121.02	B- 479-e
	Grey, Township of	Repair of the McNair Drain	74.15	B- 479-f
	Grey, Township of	Repair of the Jacklin Drain	1,908.00	B- 804-a
	Grey, Township of	Repair of the Chester Baker Drain	1,100.00	B- 804-b
	Grey, Township of	Repair of the Michel Drain	572.62	B- 804-c
	Grey, Township of	Repair of the Rowland Drain	200.00	B- 804-d
	Grey, Township of	Repair of the Brewer Drain	400.00	B- 804-e
	Hamilton, City of	Asphalt roadway with all necessary drain connections on Kipling Road &c.—Local Improvement (on Petition)	11,280.00	A-9258
	Hamilton, City of	Independent curb on Glen Road—Local Improvement	552.00	A-9260

	Hamilton, City of	Water meters and new services for the Hamilton waterworks during the year 1940	29,627.10	A-9924
	Hamilton, City of	Water meters and services for the year 1941	40,000.00	A-9925
	Hamilton, City of	Watermain on Main Street	1,060.00	A-9953
(i)	Hamilton, City of	Floating indebtedness	500,000.00	B- 21
	Hamilton, City of	Sidewalk and curb—Grant Avenue—Local Improvement (on Petition)	1,722.06	B- 22
	Hamilton, City of	Asphalt roadway with all necessary drain connections on Haddon Avenue—Local Improvement (on Petition)	12,870.00	B- 23
	Hamilton, City of	Sidewalks and curbs, north and south sides of Westwood Avenue—Local Improvement (on Petition)	5,389.96	B- 67-a-b
	Hamilton, City of	Pipe sewer on Grant Avenue—Local Improvement (on Petition)	3,427.00	B- 68
	Hamilton, City of	Watermain on Burlington Street	6,570.00	B- 69
	Hamilton, City of	Cement walk and curb on Houghton Avenue—Local Improvement (on Petition)	2,653.33	B- 127
	Hamilton, City of	Asphalt roadway with all necessary drain connections on Gary Avenue—Local Improvement (on Petition)	10,905.00	B- 128
	Hamilton, City of	Cement walk and curb on west side of Agincourt Avenue —Local Improvement (on Petition)	2,087.11	B- 129
	Hamilton, City of	Cement sidewalk on Burlington Street—Local Improvement (on the Initiative Plan)	3,789.50	B- 131
	Hamilton, City of	Sewer on Wavell Ave.—Local Improvement (on Petition)	4,356.00	B- 147
	Hamilton, City of	Initial cost of grading, seeding, planting and maintaining Lot 7 bounded by Sterling Street &c., and to provide for the annual cost of seeding, planting and maintaining the said Lot—Local Improvement (on Petition)	560.00	B- 171
	Hamilton, City of	Concrete culvert on the west side of Wentworth Street, together with 30 feet of 30-inch pipe on Queensdale Ave.	5,045.00	B- 172
	Hamilton, City of	Watermain on Churchill Avenue	1,720.00	B- 175-a
	Hamilton, City of	Watermain on Mountain Boulevard	1,870.00	B- 175-b
	Hamilton, City of	Watermain on Westwood Avenue	1,165.00	B- 175-c
	Hamilton, City of	Watermain on Wavell Avenue	1,940.00	B- 175-d
	Hamilton, City of	Cement walk and curb on Cameron Avenue—Local Improvement (on Petition)	362.32	B- 229
	Hamilton, City of	Watermain on Grant Avenue	1,600.00	B- 292
	Hamilton, City of	Watermain on Bond Street	5,161.00	B- 367

	Hamilton, City of	Asphalt roadway with all necessary drain connections on Bond Street—Local Improvement (on Petition)	16,515.00	B- 368
	Hamilton, City of	Grading roadway with all necessary drain connections on Wexford Avenue—Local Improvement (on Petition)	1,375.00	B- 493-a
	Hamilton, City of	Pipe sewer on Wexford Avenue—Local Improvement (on Petition)	7,198.00	B- 493-b
	Hamilton, City of	Sidewalk and curb on Wexford Avenue—Local Improvement (on Petition)	3,698.46	B- 493-c
	Hamilton, City of	Asphalt roadway with all necessary drain connections on Huxley Avenue—Local Improvement (on Petition)	11,195.00	B- 503
	Hamilton, City of	Watermain on Kipling Road	2,990.00	B- 516
	Hamilton, City of	Pipe Sewer on Kipling Road—Local Improvement (on Petition)	4,738.00	B- 519
	Hamilton, City of	Pipe sewer on Churchill Avenue—Local Improvement (on Petition)	1,636.00	B- 521
	Hamilton, City of	Pipe sewer on Westwood Avenue—Local Improvement (on Petition)	1,424.00	B- 522
	Hamilton, City of	Cement walk on Haymarket Square—Local Improvement (on Petition)	360.05	B- 633
	Hamilton, City of	Cement walk and curb on Broadway Street—Local Improvement (on Petition)	3,163.75	B- 634
	Hamilton, City of	Cement walk on Broadway Street—Local Improvement (on Petition)	3,582.85	B- 635
	Hamilton, City of	Intercepting sewer on Guise Street	3,895.00	B- 719
	Hamilton, City of	Pipe sewer on Main Street—Local Improvement (on Petition)	4,688.00	B- 733-a
	Hamilton, City of	Watermain on Main Street	1,600.00	B- 733-b
	Hamilton, City of	Pipe sewer on Amelia Street—Local Improvement (on recommendation of the Local Board of Health)	4,417.00	B- 778
(a)	Hamilton, City of	Cement walk and curb on Aberdeen Avenue—Local Improvement	6,131.65	B- 837
	Hanmer, Township of	Erection of new school building in Public School Section No. 1	8,000.00	B- 103
	Harwich, Township of	Repair and improvement of part of the Eastlake Drain	495.00	B- 87-a
	Harwich, Township of	Repair and improvement of the Whitebread Drain	514.00	B- 87-b
	Harwich, Township of	Construction of the Fleming Drain	384.00	B- 397-a
	Harwich, Township of	Repair of the Holdaway Drain	1,115.30	B- 397-b
	Harwich, Township of	Repair and improvement of the Burk Drain	583.00	B- 397-c

	Harwich, Township of	Construction of the Bisner Drain in the Township of Howard and Township of Harwich	267.00	B- 397-d
	Harwich, Township of	Construction of the Barko Drain	383.00	B- 649-a
	Harwich, Township of	Repair and improvement of the Rorrison Drain	487.00	B- 649-b
	Harwich, Township of	Repair and improvement of the Jenner Drain	438.00	B- 649-c
	Harwich, Township of	Repair and improvement of the Morrow Drain	860.00	B- 649-d
	Harrow, Town of	Construction of Silex Walks on Secord Avenue, Victoria Avenue and Walnut Street—Local Improvement (on Petition)	900.00	B- 755
	Hay, Township of	Improvement of the Stanley Big Drain and top drains	1,557.00	B- 13
	Howard, Township of	Construction of the Ingram Drain	1,188.00	A-9950-a
	Howard, Township of	Repair and improvement of the West Drain	1,359.00	A-9950-b
	Howard, Township of	Improving part of the Eastlake Drain in the Township of Harwich	170.00	B- 53-a
	Howard, Township of	Corporation's share of the cost of construction of Bisner Drain in the Townships of Howard and Harwich	603.00	B- 53-b
	Howard, Township of	Repair of the Balmer Branch Drain	913.00	B- 112
	Howard, Township of	Repair and Extension of the Holdaway Drain	211.70	B- 194-a
	Howard, Township of	Repair of the Whitman Drain	2,082.14	B- 194-b
(e)	Huntsville, Town of	Purchase and installation of new waterworks pumps and gas engines	5,000.00	B- 286
	King, Township of	Purchase of Power Maintainer and Snow Plow	11,150.00	B- 205
	King, Township of	Erection of a school house in Public School Section No. 4	4,000.00	B- 591
	Kingston, City of	Alterations and extensions to the Waterworks Pumping Station	30,000.00	A-9814
(m)	Kingston, City of	Rebuilding and equipping Macdonald Public School	15,000.00	A-9940
	Kingston, City of	Construction of a tile sewer in Scott Street and Cowdy Street—Local Improvement (on Petition)	1,645.89	A-9963-a-b
	Kingston, City of	Alterations and extensions to the Waterworks Pumping Station	30,000.00	A-9814
	Kingston, City of	Concrete walk on Durham Street and sheet asphalt pavement in Queen's Crescent	714.52	B- 93-a-b
	Kingston, City of	Sewer in College Street—Local Improvement (on Petition)	599.95	B- 93-c
(a)	Kingston, City of	Sheet asphalt pavement on Princess Street—Local Improvement	15,000.00	B- 104

	Kingston, City of	Sheet asphalt pavement on Macdonnell St. and concrete walks on Russell and Clarence Streets—Local Improvements (on Petition)	2,117.96	B- 149
	Kingston, City of	Concrete walk on Durham Street—Local Improvement (on Petition)	162.36	B- 174
	Kingston, City of	Acquiring land for the purpose of a public park	10,000.00	B- 225
(a)	Kingston, City of	Sheet asphalt pavements on Princess and King Streets—Local Improvements	6,600.00	B- 259
	Kingston, City of	Concrete walk on Johnson Street — Local Improvement (on Petition)	319.02	B- 260
	Kingston, City of	Concrete walks on Union, N. Macdonnell and N. Bartlett Streets—Local Improvements (on Petition)	843.60	B- 342
	Kingston, City of	Concrete walks on Napier and Scott Streets and sheet asphalt pavement on Chapman Street—Local Improvements (on Petition)	3,142.55	B- 399-a-b-c
(f)	Kingston, City of	Extension to sewerage system Princess Street and storm over-flow sewer from the corner of Ellerbeck and King Street	7,000.00	B- 491
	Kingston, City of	Tile sewer in College Street — Local Improvement (on Petition)	401.20	B- 525-a
	Kingston, City of	Tile sewer in Willingdon Avenue — Local Improvement (on Petition)	1,784.50	B- 525-b
	Kingston, City of	Tile sewer in Helen Street—Local Improvement (on Petition	1,295.00	B- 525-c
	Kingston, City of	Concrete walk on Regent Street—Local Improvement (on Petition)	882.00	B- 525-d
	Kingston, City of	Concrete walk on Regent Street—Local Improvement (on Petition)	522.60	B- 566
	Kinloss, Township of	Repair and improvement of the Ackert Municipal Drain	2,280.00	B- 91
(m)	Kitchener, City of	Expenditures in respect to the Grand River Conservation Scheme	85,000.00	A-9960
	Kitchener, City of	Curb and gutter, gravelled and oiled roadway, pavement with curb and gutter and concrete walks—Lydia Street, Cameron Street and Stirling Avenue — Local Improvements (on Petition)	4,810.21	B- 43
	Kitchener, City of	Curb and gutter on Lydia Street and gravelled and oiled roadway on Van Camp Avenue—Local Improvements (on Petition)	7,990.50	B- 92

	Kitchener, City of	Watermain on Borden Avenue and sanitary sewer on Lansdowne Avenue—Local Improvements (on Petition)	1,840.00	B- 138-a-b
	Kitchener, City of	Roadway on Chapel Street and concrete walk on Stirling Avenue—Local Improvements (on Petition)	1,400.50	B- 257-a-b
	Kitchener, City of	Curb and gutter and bituminous surface with gravel base roadway on Brock Street—Local Improvement (on Petition)	4,545.48	B- 317
	Kitchener, City of	Sidewalk on Doehn Street, curb and gutter and roadway on Doehn Street and sidewalk on Lydia Street	2,376.00	B- 436-a-b-c
	Kitchener, City of	Relief Trunk Sanitary Sewer	13,500.00	B- 528
	Kitchener, City of	Curb and gutter on Doehn Street—Local Improvement (on Petition)	441.75	B- 524
	Leaside, Town of	Sewer on part of Vanderhoof Avenue—Local Improvement (on Petition)	990.00	A-9931
	Leaside, Town of	Watermains on Vanderhoof Avenue &c.—Local Improvements (on Petition)	19,632.00	B- 47-a
	Leaside, Town of	Sewers on Vanderhoof Avenue &c. together with connections to North Toronto outlet sewer and meters and other apparatus in connection therewith	42,513.00	B- 47-b
	Leaside, Town of	Concrete sidewalks on Esandar Drive, Vanderhoof Avenue and Laird Drive—Local Improvements (on Petition)	3,150.00	B- 60
	Leaside, Town of	Concrete sidewalks on Baird Avenue &c.—Local Improvements (on Petition)	36,057.42	B- 401
(a)	Leaside, Town of	Sewer, Copeland Street &c.—Local Improvement	9,460.00	B- 588
	Leaside, Town of	Pumping Station on Commercial Street, including 8-inch force main	10,000.00	B- 589
	Leaside, Town of	Pavements on Brentwood Road and Vanderhoof Avenue —Local Improvements (on Petition)	57,300.00	B- 121
	Lindsay, Township of	Conversion of the Gloor Award Drain into a Municipal Drain to be known as the Wolfe Municipal Drain	452.00	B- 356
	Logan, Township of	Repair and improvement of the Hagarty Drain Branch No. 3 and its Extension	3,834.00	B- 402
	London, City of	Sanitary sewers on Gammage Street, Bedford Road and Grosvenor Street—Local Improvements (Initiative Plan)	6,906.14	A-9889
	London, City of	Scarifying on Oxford Street	5,675.00	A-9915
	London, City of	Cement walks on S. Sparton Street, N. Robert Street and N. Eastman Avenue—Local Improvements (on Petition)	2,098.53	B- 48

	London, City of	Cement walks E. Woodward Avenue &c., and sanitary sewer on Jacqueline Street—Local Improvements (on Petition)	4,873.89	B- 137-a-e
	London, City of	Cement walks on east and west Ashland Avenue and sewer on Ashland Avenue	2,660.85	B- 137-f-g-h
	London, City of	Cement walks on North King Street and West Harrison Avenue and scarifying roadway on Orchard Street—Local Improvements	2,024.05	B- 244-a-b-c
	London, City of	Local Improvements—Johnston Street &c.	4,629.21	B- 291-a-e
	London, City of	Paving and resurfacing the track allowance on Richmond Street &c.	25,000.00	B- 377
	London, City of	Cement walk and curbs on South Dundas Street and curb and gutters on Vauxhall and Elm Streets—Local Improvements	5,218.99	B- 413&414
	London, City of	Cement walk on West Elgin Street and cement curb and gutter on Alexandra Street—Local Improvements—(Initiative Plan)	3,144.51	B- 441
	London, City of	Curb and gutter on north and south Trafalgar Street—Local Improvements (Initiative Plan)	1,129.73	B- 456
	London, City of	Cement walk on South Regent Street—Local Improvement (on Petition)	200.26	B- 561
	London, City of	Local Improvements—Curb and gutter on Ridout Street—(Initiative Plan) and cement walk on North Alexandra Street (on Petition)	1,093.50	B- 602-a-b
	London, City of	Cement walk on West Wortley Road—Local Improvement	460.39	B- 682
	London, City of	Curb and gutter on South Victoria Street—Local Improvement (on Petition)	814.22	B- 695
	London, Township of	Watermain on Becher Street—Local Improvement (on Petition)	637.00	B- 323
	London, Township of	Watermain on Scott Street—Local Improvement (on Petition)	1,007.00	B- 369
	London, Township of	Sidewalk on Parkdale Crescent—Local Improvement (on Petition)	623.00	B- 429
	London, Township of	Construction of the Oxford Park Drain No. 2	3,350.00	B- 430
	London, Township of	Curb and gutter on Patricia Street—Local Improvement (on Petition)	1,329.00	B- 667
	London, Township of	Construction of the Nixon Drain	1,093.00	B- 784
(k)	Lucknow, Village of	Purchase of building and repair and improvement of same for municipal offices	3,500.00	B- 136

(a)	Maidstone, Township of	Watermain, St. Clair Avenue—Local Improvement	6,938.00	B- 153
	Maidstone, Township of	Repair North End Brown Creek Drain	758.05	B- 222-a
	Maidstone, Township of	Repair of the Branch of 4th Concession Drain West	277.83	B- 222-b
	Maidstone, Township of	Repair of the Allen Drain	570.38	B- 432
	Maidstone, Township of	Repair of the Cronmiller Drain	2,152.76	B- 560
	Maidstone, Township of	Repair of the Griffith Drain	1,474.14	B- 710-a
	Maidstone, Township of	Repair of the McCann Drain	2,117.08	B- 710-b
	Matilda, Township of	Repair and improvement of the Toye Creek Drain	1,980.74	B- 32
	Mersea, Township of	Repair and improvement of the north part of the West branch of the Reid Drain	535.00	A-9983-a
	Mersea, Township of	Repair and improvement of the Sloan or Ruscomb Drain	1,638.00	A-9983-b
(m)	Mersea, Township of	School Purposes (School Section South Western)	36,000.00	B- 116
	Mersea, Township of	Corporation's share of the cost of the construction of the Temple Drain	566.00	B- 126
	Mersea, Township of	Repair and improvement of the Ruscomb River and Silver Creek Drains	3,752.64	B- 284-a
	Mersea, Township of	Repair and improvement of the Lobo Creek Drain	2,307.00	B- 284-b
	Mersea, Township of	Repair and improvement of the LaMarsh Creek and William Young Drain	1,150.00	B- 295
	Mersea, Township of	Repair and improvement of the Chase Drain	1,229.00	B- 438
	Mersea, Township of	Construction of tile, stone or timber drains	50,000.00	B- 707
	Mersea, Township of	Construction of the Ivan Wilkinson Drain	872.00	B- 744
	Middleton, Township of	Construction of the Courtland Drain Branch No. 1, 1941	923.00	B- 64
	Moore, Township of	Repair and improvement of the Edwards Drain	902.00	B- 214
	Moore, Township of	Repair of the Baxter Drain	1,919.00	B- 688
	Mornington, Township of	Repair of the Hawthorne Drain	1,040.00	B- 465
	Mornington, Township of	Repair of the Peffers Drain	1,361.66	B- 603
(e)	Morrisburg, Town of	Sewer on west side of Augusta Street—Local Improvement (on petition)	825.00	B- 791
	Mosa, Township of	Construction of Murray Drain in Township of Euphemia	1,350.00	B- 395
	Mosa, Township of	Repair of the Government Drain No. 1	482.82	B- 532-a
	Mosa, Township of	Repair of the McDonald Drain	285.15	B- 532-b
(m)	Mosa, Township of	Purchase of power maintainer and snow plow	4,800.00	B- 542
	Mosa, Township of	Repair of the Chittem Drain	134.99	B- 672
	Mountain, Township of	Maintenance and improvement of the Kerr's Ridge Drain	1,275.00	B- 641-a
	Mountain, Township of	Repair and improvement of the Hamilton Drain	660.29	B- 641-b

	Mountain, Township of	Maintenance and improvement of the Allen-Arcand Drain	4,510.10	B- 641-c
	Mountain, Township of	Maintenance and repair of the Castor Extension Improvement Drain	8,450.00	B- 641-d
	Mountain, Township of	Construction of the Merkley-Servais Drain	3,750.00	B- 641-e
(m)	McGillivray, Township of	Purchase of power grader	8,000.00	A-9921
	McKillop, Township of	Construction of tile, stone and timber drains	5,000.00	B- 176
(m)	McKim, Township of	Payment of part of cost of construction of a two-room addition to building in public school section No. 6	3,000.00	B- 125
(a) & (h)	Napanee, Town of	Sewer on West street—Local Improvement	6,800.00	B- 1
	Napanee, Town of	Purchase of truck and equipment for fire department	4,200.00	B- 350
(a)	Nepean, Township of	Sewers on James St. etc.—Local Improvements	9,717.00	B- 269
(a)	Nepean, Township of	Watermains on James St. etc—Local Improvements	11,139.00	B- 270
	New Liskeard, Town of	Storm sewer on Whitewood Avenue	2,009.70	A-9973
	Newmarket, Town of	Deep water well, pursuant to mandatory order of the Provincial Department of Health	18,000.00	A-9984
	Newmarket, Town of	Construction of new reservoir, pump house and necessary pumping equipment pursuant to mandatory order of Provincial Department of Health	18,000.00	B- 424
(j) & (m)	New Toronto, Town of	Issue of Debentures to retire certain unmatured debentures	293,000.00	B- 586
(l)	North Bay, City of	Cost of living bonus for civic employees	5,400.00	B- 562
	North Monaghan, Twp. of	Concrete sidewalk on Anne St.—Local Improvement (on petition)	777.25	A-9842
	North Monaghan, Twp. of	Sidewalk on both sides of Brioux Avenue—Local Improvement (on petition)	1,600.00	B- 389
	North Monaghan, Twp. of	Sewer and watermain on south side of Highway No. 28—Local Improvement (on petition)	750.00	B- 435
	North Monaghan, Twp. of	Watermain on Lundy's Lane—Local Improvement (on petition)	2,392.50	B- 735
	North Norwich, Township of	Construction of the Hastings Drain	1,423.00	B- 88
	North Norwich, Township of	Construction of tile drain and converting of the Burgessville Award Drain into a municipal drain	1,264.20	B- 330
	North York, Township of	Storm sewer on Melrose Ave.—Local Improvement (on petition)	4,500.00	A-9936
	North York, Township of	Erecting and equipping two-room addition, teacher's room and basement to the present school building at Bathurst Street and Woburn Avenue (S.S. No. 14)	24,000.00	A-9866

(a)	North York, Township of	Watermain on Glencairn Avenue and Strathallan Wood—Local Improvement	7,800.00	A-9999
	North York, Township of	Stone and gravel pavement on Dawlish Avenue—Local Improvement (on petition)	600.00	B- 96
	North York, Township of	Double surface treatment on Ridley Boulevard—Local Improvement (on petition)	978.95	B- 289
	North York, Township of	Watermains, pavement and sewers, Elm Road, etc.—Local Improvements (on petition)	8,925.85	B- 339
	North York, Township of	Expenditure to enable the Board of Trustees of School Section 16 to erect and equip a portable school on present school grounds	2,500.00	B- 418
(j) & (m)	North York, Township of	Issue of debentures to retire certain unmatured debentures	350,000.00	B- 563
	North York, Township of	Sanitary sewer with force main and pumping manhole on Deloraine Avenue—Local Improvement (on petition)	1,960.00	B- 652
	North York, Township of	Erection of four room second storey addition to the present Duke of York school and the purchase of the necessary furniture and equipment	35,000.00	B- 668
	Orford, Township of	Improvement of the Steele drain	483.50	B- 275
	Orford, Township of	Repair and improvement of the Butler drain	329.84	B- 388
	Orford, Township of	Repair of the upper portion of the McDonell drain	458.65	B- 708
(k)	Orillia, Town of	Extension and improvement of a steam plant operated as a public utility by the Orillia Water, Light and Power Commission	26,000.00	B- 274
(l)	Orillia, Town of	Increase in salaries of certain officials	270.00	B- 393
	Orillia, Town of	Sanitary sewer on Harvey street and for the laterals or private drain connections—Local Improvements (on petition)	2,380.20	B- 530
	Osgoode, Township of	Maintenance and improvement of the Murdoch drain	1,387.79	B- 575
(a)	Ottawa, City of	Sidewalk on Cartier Street—Local Improvement	750.00	A-8844
	Ottawa, City of	Sewer on Hutchison Ave.—Local Improvement (Initiative Plan)	4,165.00	A-9879-b
	Ottawa, City of	Watermain extension on Goulburn Avenue	2,600.00	A-9962
	Ottawa, City of	Installing a water main on Hutchison Ave. and on Reid Avenue	9,100.00	A-9975
	Ottawa, City of	Watermain on Barrie Ave. and Ruskin Street	5,500.00	B- 94
(a)	Ottawa, City of	Concrete sidewalks on Sherwood Drive etc.—Local Improvements	5,922.50	B- 110

	Ottawa, City of	Concrete curbs on Spencer Street and Hinton Avenue—Local Improvements (on petition)	320.00	B- 111
(a)	Ottawa, City of	Concrete sidewalks on Hutchison Avenue etc.—Local Improvements	6,030.00	B- 142
(a)	Ottawa, City of	Concrete sidewalks on Douglas Avenue West etc.—Local Improvements	4,140.00	B- 197
	Ottawa, City of	Watermain on Mount Pleasant Avenue	1,200.00	B- 249
	Ottawa, City of	Sewer on Mount Pleasant Avenue — Local Improvement (on petition)	2,290.00	B- 250
	Ottawa, City of	Sewer on Barrie Avenue and Ruskin Street—Local Improvements (on recommendation of Local Board of Health)	5,430.00	B- 285
	Ottawa, City of	Water main on Breezehill Avenue	3,800.00	B- 327
	Ottawa, City of	Sidewalks on Slater Street, etc.—Local Improvements (on petition)	2,243.75	B- 329
	Ottawa, City of	Sewer on Breezehill Avenue—Local Improvement (on petition)	2,900.00	B- 352
(a)	Ottawa, City of	Sidewalks on Bayswater Ave., etc.—Local Improvements	2,036.54	B- 452
(a)	Ottawa, City of	Sidewalks on Earnscliffe Avenue—Local Improvements	675.00	B- 452
(a)	Ottawa, City of	Sidewalks on Fuller St. and Fifth Ave.—Local Improvements	2,775.00	B- 453
(a)	Ottawa, City of	Sidewalk on Clegg Street—Local Improvement	3,300.00	B- 453
(a)	Ottawa, City of	Sidewalks on John Street etc.—Local Improvements	2,175.00	B- 454
	Ottawa, City of	Sidewalk on Somerset Street West—Local Improvement (on petition)	400.00	B- 455
	Ottawa, City of	Sewer in Fuller Street—Local Improvement (on recommendation of Local Board of Health)	2,850.00	B- 464
(a)	Ottawa, City of	Sidewalks on Hutchison Avenue etc.—Local Improvements	5,400.00	B- 526-a-b-c
	Ottawa, City of	Sidewalks on Ruskin Street etc.—Local Improvements (on petition)	1,410.00	B- 620-a-b
(a)	Ottawa, City of	Sidewalks on Breezehill Avenue etc.—Local Improvements	3,600.00	B- 698-a-b-c
	Ottawa, City of	Sidewalks on Hinton Ave. and Kenilworth St.—Local Improvements (on petition)	1,710.00	B- 706-a-b
	Ottawa, City of	Pumping units for the Queen St. pumping station	85,000.00	B- 741
	Owen Sound, City of	Repair of the bridge at Eighth Street	8,000.00	B- 392
(l)	Paris, Town of	Cost of living bonus to fourteen municipal employees	280.00	B- 786

(j) & (m)	Pembroke, Town of	Issue of debentures to retire certain unmatured debentures	112,000.00	B- 661
(k)	Peterborough, City of	Additional cost of the enlargement of Nicholls Hospital over and above that allowed by Order of the Board dated November 27th, 1940	7,000.00	A-9767
	Peterborough, City of	Construction of sidewalk on McCannan Avenue — Local Improvement (on petition)	2,197.38	B- 139-a
	Peterborough, City of	Sewer on McCannan Avenue and Brewer Street — Local Improvement (on petition)	2,411.75	B- 139-b
(f) & (m)	Peterborough, City of	Force Main on Bethune Street	50,000.00	B- 501
(f) & (m)	Peterborough, City of	Extension of the Hydro Electric System	50,000.00	B- 699
	Peterborough, City of	Purchase of certain road making machinery	5,000.00	B- 770
	Plympton, Township of	Repair of the Robertson-Parker drain	845.00	A-9964-a
	Plympton, Township of	Repair of the McPhedran drain	346.00	A-9964-b
	Plympton, Township of	Township's proportion of the cost of the repair of the Bird drain in the Township of Sarnia	172.00	B- 2
	Plympton, Township of	Repair and improvement of the Tait drain	855.00	B- 404
	Point Edward, Village of	Improvements to buildings in Bayview Park	4,000.00	B- 752
(o)	Port Arthur, City of	Installation of an automatic telephone switchboard, dial telephones and equipment	135,000.00	A-9475-a
	Port Arthur, City of	Construction and installation of house sewer connections during the year 1941	15,000.00	B- 134
(h)	Port Arthur, City of	Local Improvements (on petition):— Sidewalks .... $ 9,616.00 Pavements (original approval, 9,585.00) 29,070.00 Curbing etc. .... 1,625.00 Sewers 7,472.50	47,783.50	B- 135-a-d
	Port Arthur, City of	Sanitary sewers and curbing on Surrey St. etc.—Local Improvements (on petition)	14,300.00	B- 384-a-b-c
	Port Arthur, City of	Sanitary sewer on Currie Street—Local Improvement (on petition)	1,950.00	B- 511
	Port Arthur, City of	Sanitary sewer on Morse Street—Local Improvement (on petition)	4,994.00	B- 715
	Preston, Town of	Sidewalk on Lowther Street — Local Improvement (on petition)	310.48	B- 467
(a) & (h)	Prescott, Town of	Re-tread pavements on Henry Street etc.—Local Improvements (original approval $24,276.99)	27,260.65	B- 282
	Raleigh, Township of	Improvement and maintenance of the Kersey drain	512.00	B- 256

	Raleigh, Township of	Repair and maintenance of drainage works known as the Chase drain	665.00	B- 444
	Raleigh, Township of	Construction of the Walden drain	292.00	B- 569
	Raleigh, Township of	Repair and maintenance of the Lecocq drain	650.00	B- 650-a
	Raleigh, Township of	Construction and maintenance of the Slade drain	700.00	B- 650-b
	Richmond Hill, Village of	Construction of a trunk sewer on Church Street &c., pursuant to mandatory order of the Provincial Department of Health	10,000.00	B- 655
	Rochester, Township of	Repair of sections of Ruscomb River and Silver Creek drains	9,439.47	B- 364
(m)	Rockcliffe Park, Village of	Concrete pipe drain, Lisgar Road to Ottawa River—Local Improvement	15,332.76	B- 155
	Rodney, Village of	Purchase of fire fighting equipment	5,000.00	B- 89
	Romney, Township of	Repair and improvement of the Coatsworth-Robinson extension drain	1,882.00	B- 119
	Romney, Township of	Improvement of the Cottingham drain	1,414.00	B- 654
	St. Catharines, City of	Sewer with private drain connections on Ontario Street South and private drain connections on Wiley Street—Local Improvements (on petition)	4,300.00	B- 17-a-b
(a)	St. Catharines, City of	Tile sewer on Pleasant Avenue—Local Improvement	4,400.00	B- 50
(a)	St. Catharines, City of	Local Improvements—pavements and curbs on Fitzgerald Street &c.	41,720.00	B- 54
(a)	St. Catharines, City of	Tile sewer on Garnet Street—Local Improvement	248.00	B- 220
	St. Catharines, City of	Tile sewer with private drain connections on Spruce St.—Local Improvement (on petition)	1,104.00	B- 267
(a)	St. Catharines, City of	Local Improvements—sidewalks &c. on McDonald St. &c.	11,701.00	B- 324
	St. Catharines, City of	Sidewalks and curbs, Ontario St. South, &c.—Local Improvements (on petition)	1,668.00	B- 472
(a)	St. Catharines, City of	Sidewalk on Rykert Street—Local Improvement	306.00	B- 509
(a)	St. Catharines, City of	Local Improvements—Sewer on Spruce St. and asphalt surface on Court Street	2,345.00	B- 601-a-b
	St. Catharines, City of	Tile sewers on Stuart Ave. and George St.—Local Improvements (on petition)	2,472.00	B- 618-a-b
	St. Catharines, City of	Sidewalks on St. Paul St. and Spruce St.—Local Improvements (on petition)	555.00	B- 724-a-b
(a)	St. Thomas, City of	Local Improvements—Third Avenue etc.	10,950.50	B- 212

	St. Thomas, City of	Sidewalks on Locust Street and Forest Avenue—Local Improvements (on petition)	346.12	B- 213
(a)	St. Thomas, City of	Local Improvements—curbs and gutters both sides of Forest Avenue	1,035.00	B- 299
	St. Thomas, City of	Curbs and gutters on Edward Street and Forest Avenue—Local Improvements (on petition)	1,372.00	B- 450
	St. Thomas, City of	Local Improvements (on petition) St. Catharine Street &c.	2,007.80	B- 480
(m)	Saltfleet, Township of	Addition to school house in School Section No. 4	12,000.00	B- 287
	Saltfleet, Township of	Watermains on Adeline and Glennie Avenues—Local Improvements (on petition)	3,841.80	B- 391
	Saltfleet, Township of	Watermains and waterservices on Main Street, Craigroyston Avenue and Walter Avenue—Local Improvements (on petition)	19,877.41	B- 490-a
(m)	Sandwich East, Township of	Addition to Mayfair school in Public School Section No. 5	11,000.00	B- 281
	Sandwich South, Twp. of	Repair and improvement of the Fifth Concession and Lennon Outlet drain	984.00	B- 500
	Sarnia, City of	Concrete curbs on Exmouth Street—Local Improvements (on petition)	823.76	B- 412-a-b-c
	Sarnia, City of	Concrete curbs and gutters on Savoy Street—Local Improvements (on petition)	2,655.00	B- 446
	Sarnia, Township of	Construction of the Gallie drain	310.00	B- 42
	Sarnia, Township of	Repair of the Clark drain	3,100.00	B- 204
	Sarnia, Township of	Repair of the Gardiner drain	1,084.00	B- 782
(a)	Sault Ste. Marie, City of	Local Improvements—Sanitary sewers and sidewalks, Coulson Avenue &c.	5,176.00	B- 335
	Scarborough, Township of	Sewers and watermains on Dunnington Drive &c.—Local Improvements (on petition) $4,606.36 and $6,000.00	10,606.36	B- 271-a-b
(p)	Scarborough, Township of	Purchase of site for sewage disposal works	49,905.36	B- 767
(i) & (m)	Schreiber, Township of	Certain floating indebtedness	5,000.00	B- 58
(i) & (m)	Seaforth, Town of	Certain floating indebtedness	45,000.00	A-9996
	Sombra, Township of	Repair and improvement of the Watson Creek drain	1,199.00	B- 405
	Sombra, Township of	Repair and improvement of the portion of the Chapple drain within the township	1,986.00	B- 512
	Sombra, Township of	Repair and improvement of the O'Leary drain	760.00	B- 608
	South Dorchester, Twp. of	Repair of the Babcock Award drain	567.00	B- 483-a
	South Dorchester, Twp. of	Repair and extension of the Jenkins drain	716.00	B- 483-b

	South Norwich, Township of	Construction of fire hall for the police village of Otterville and purchase of a chemical truck and equipment	2,500.00	B- 365
	Stamford, Township of	Watermain on Corwin Avenue—Local Improvement (on petition)	243.47	A-9945
	Stamford, Township of	Sidewalk on Depew Street and watermains on Beaverdam and Portage Roads—Local Improvements (on petition)	5,791.55	B- 423
	Stamford, Township of	Installing a booster pump and erecting a pump house	10,000.00	B- 468
(a)	Stratford, City of	Sanitary sewer on Water Street—Local Improvement	629.00	A-9965
	Sudbury, City of	Deepening, widening and extending and providing new outlets for drainage works in the course of Nolin's and Junction Creeks	369,150.00	A-9969
	Sudbury, City of	Oiling of Adie and other streets—Local Improvements (on petition)	3,215.00	B- 238-a-b
	Sudbury, City of	Watermains on Byng Street etc.—Local Improvements (on petition)	26,460.91	B- 296
	Sudbury, City of	Sanitary sewers on Regent Street &c.—Local Improvements (on petition)	5,374.00	B- 298
	Sudbury, City of	Storm drain on Queen Street—Local Improvement (on petition)	2,640.40	B- 301
	Sudbury, City of	Sanitary sewer on King Street—Local Improvement (on petition)	494.77	B- 346
(l)	Sudbury, City of	Allowance to unemployable reliefees	300.00	B- 615
(a)	Swansea, Village of	Local Improvements—Watermain on Riverside Trail and grading on Riverside Trail	1,614.00	A-9887 & A-9888
(a)	Swansea, Village of	Local Improvement—Sanitary sewer on south side of Riverside Trail	410.00	A-9893
	Swansea, Village of	Local Improvements on Willard and Windermere Avenues (on petition)	8,318.00	B- 148-a-b-c
	Swansea, Village of	Asphalt pavement on Brule Terrace—Local Improvement (on petition)	2,800.00	B- 431
(a)	Swansea, Village of	Sanitary sewer and grading on Yule Avenue—Local Improvement	985.00	B- 604-a-b
(f)	Swansea, Village of	Storm sewer on lane from 140' east of Ellis Park Road to Wendigo Way	725.00	B- 605
(a)	Swansea, Village of	Local Improvement—Concrete sidewalk on Morningside Avenue	1,825.00	B- 662
(a)	Swansea, Village of	Local Improvement—Concrete sidewalk on east side of Ellis Park Road	525.00	B- 677

	Swansea, Village of	Concrete sidewalk on south side of Morningside Avenue—Local Improvement (on petition)	455.00	B- 678
(a)	Swansea, Village of	Local Improvement—Watermain on Mayfield Avenue	888.00	B- 753
(a)	Swansea, Village of	Watermain on South Kingsway—Local Improvement	2,711.00	B- 754
(a)	Swansea, Village of	Local Improvement—Sanitary sewer with house connections on south side of Mayfield Avenue	550.00	B- 775
	Tarentorus, Township of	Two-room addition to school house in Public School Section No. 3	5,200.00	B- 631
(f)	Tavistock, Village of	Enlargement, replacement and improvement of the waterworks system	4,000.00	B- 165
(e)	Teck, Township of	Sidewalks on McKelvie Street etc.—Local Improvements (on petition)	4,000.00	B- 10
	Teck, Township of	Erection of an addition to the Collegiate and Vocational Institute	10,000.00	B- 187
	Teck, Township of	Purchase of a 2-way police radio equipment and 2 traffic lights	4,360.00	B- 188
	Teck, Township of	Watermains and sewers on Federal Street etc.—Local Improvements (on petition)	26,921.33	B- 817
	Teck, Township of	Cement sidewalks on Taylor Avenue etc.—Local Improvements (on petition)	4,100.00	B- 818
	Tilbury East, Township of	Repair and improvement of the Chalmers drain No. 2	760.00	B- 348-a
	Tilbury East, Township of	Repair and improvement of the 10th Concession Drain No. One	348.00	B- 348-b
	Tilbury East, Township of	Repair and improvement of the 10th Concession drain No. Three	420.00	B- 348-c
	Tilbury East, Township of	Repair and improvement of the Farmer drainage scheme	1,250.00	B- 348-d
	Tilbury East, Township of	Repair and improvement of the Carr drain	417.00	B- 348-e
	Tilbury East, Township of	Repair and improvement of the Eighth Creek drain extension	1,094.00	B- 348-f
	Tilbury East, Township of	Repair and improvement of the Shepley drain	920.00	B- 348-g
	Tilbury East, Township of	Repair and improvement of the McGregor drainage works	1,104.00	B- 348-h
	Tilbury East, Township of	Repair and improvement of the Malott and Malott Diversion drain	1,481.00	B- 348-i
	Tilbury East, Township of	Repair and improvement of the Davidson drain	564.00	B- 448
	Tilbury North, Township of	Repair and improvement of the Brule drain and its branch	1,053.25	B- 192
	Tilbury North, Township of	Repair and improvement of the Macklem Creek cut-off drain	1,213.00	B- 417

	Tilbury North, Township of	Improvement of the 3rd Concession drain	858.25	B- 504
(a)	Timmins, Town of	Local Improvements—Sanitary sewers on Floral Avenue etc.	16,234.50	B- 265
	Timmins, Town of	Watermains on Floral Avenue &c.—Local Improvements (on petition)	31,590.10	B- 266
	Toronto, City of	Sewer and watermain on Barton Avenue—Local Improvement	2,706.00	B-9981-a-b
	Toronto, City of	Local Improvement—Concrete sidewalk on Cranbrooke Avenue	690.00	A-9993
(b)	Toronto, City of	Local Improvements—Sewer and pavement on lane first north of Ellsworth Avenue	2,065.00	B- 71
	Toronto, City of	Local Improvement—concrete sidewalk on Banff Road	1,249.00	B- 74
	Toronto, City of	Local Improvement—sidewalk and curbing on Richmond Street West	699.00	B- 76
(1)	Toronto, City of	Heating, lighting and other expenses incidental to the use of the automotive building, Exhibition Park, by the International Dairy Industries Exposition	1,500.00	B- 140
(1)	Toronto, City of	Corporation's share of the joint installation of traffic signals at the intersection of Bayview Avenue and Millwood Road	500.00	B- 141
	Toronto, City of	Local Improvements—Concrete sidewalks on portions of Banff Road and Forman Avenue	1,410.00	B- 161
	Toronto, City of	Local Improvement—Concrete sidewalk and curbing on a portion of the east side of Marjory Avenue	317.00	B- 162
(1)	Toronto, City of	Grant to the Canadian Corps Association to assist in financing the Good-will Invasion (July, 1941) at which the American Legion will be their guests	5,000.00	B- 211
(q) & (1)	Toronto, City of	New pavement on Van Horne Street (at the expense of the City at large)	112,626.00	B- 221
(1)	Toronto, City of	Installation of a duplicate card index of voters at municipal elections in the City of Toronto	7,500.00	B- 223
(1)	Toronto, City of	Alterations to the Family Court Offices	350.00	B- 224
(1)	Toronto, City of	Additional grant to Toronto Women's Patriotic League	500.00	B- 276
(1)	Toronto, City of	Additional of automatic traffic signals at the intersection of Fleet and Bathurst Streets ($900.00) and for the installation of automatic traffic signals at the intersection of Bloor and Jane Streets, $800.00	1,700.00	B- 277
	Toronto, City of	Local Improvement—Curbing on a portion of the east side of Walder Avenue	185.00	B- 278

	Toronto, City of	Local Improvements—pavements on portions of Walder Avenue and Liberty Street and concrete curbing on Walder Avenue and sidewalk on Fraser Avenue	20,113.00	B- 279-1-3-4-5
(1)	Toronto, City of	Expenditure required to comply with the provisions of the Unemployment Insurance Act, 1940 (Dominion), from July 1st, 1941 to December 31st, 1941	4,630.00	B- 288
(1)	Toronto, City of	Additional sum required to comply with the provisions of the Unemployment Insurance Act, 1940 (Dominion)	1,500.00	B- 288
	Toronto, City of	Local Improvement—Sewers on West Don Roadway	55,215.00	B- 331
(1)	Toronto, City of	Lighting facilities at the rear of Adelaide Street and Cowan Avenue fire halls in conection with A.R.P. training	150.00	B- 353
(1) & (h)	Toronto, City of	Filing equipment required by the Land Titles Office (original approval $1,766.00)	1,870.00	B- 386
(1)	Toronto, City of	A.R.P. Census Cards and Warden Post Cards for the Toronto Civilian Defence Committee (A.R.P.)	700.00	B- 473
	Toronto, City of	Local Improvement—sewer on a portion of Aldbury Gardens	2,700.00	B- 488
(1)	Toronto, City of	Cost of services of Messrs. Glarkson, Gordon, Dilworth and Nash, in respect to the establishment of a centralized system of accounting	20,000.00	B- 507
(1)	Toronto, City of	Continuation of the work of the Independent Committee on Zoning	500.00	B- 554
(1)	Toronto, City of	Installation of traffic lights at the intersection of Gerrard Street, Coxwell Avenue and Eastwood Road	800.00	B- 555
(1)	Toronto, City of	Estimated cost and expense incidental to the city's application to the Board for approval of its building by-law No. 9868	1,000.00	B- 556
(b)	Toronto, City of	Local Improvements—pavement on lane first south of Mansfield Avenue and sidewalks on portions of Sellers Avenue and Yonge Street	2,547.00	B- 557-a-b-c
(b)	Toronto, City of	Local Improvements—pavement and sewer on a portion of the lane first north of Afton Avenue	3,338.00	B- 567
	Toronto, City of	Widening of portions of the pavement on Spadina Avenue south of Queen street	11,000.00	B- 576
	Toronto, City of	Watermain on a portion of Aldbury Gardens	2,065.00	B- 646
(a)	Toronto, City of	Local Improvement—sewer on lane first west of Spadina Avenue	1,465.00	B- 647
(1)	Toronto, City of	Expenditure to bring the Victoria Park Filtration Plant into operation	10,000.00	B- 664

(l)	Toronto, City of	Payment of wartime cost-of-living bonus to certain employees of the said Corporation	100,000.00	B- 689-a
(l)	Toronto, City of	Estimated cost of a judicial enquiry pursuant to Section 266 of "The Municipal Act" into the circumstances surrounding the passing of a by-law amending the residential restrictions in relation to the property at the south-east corner of Oxford Street and Bellevue Avenue	1,000.00	B- 689-b
	Toronto, City of	Revenue watermain on a portion of Cobalt Avenue	706.00	B- 757
(l)	Toronto, City of	Expenditure to cover the City's share of wartime cost of living bonus to watchmen at level crossings	2,659.00	B- 758
(j) & (k)	Toronto, City of	Issue of debentures to retire debentures of Town of Toronto Junction redeemable before maturity	762,100.00	B- 759
(e)	Toronto, Township of	Watermain on the south side of Lakeshore Highway and replacement of existing 2" metre on the said highway with a 6" metre—Local Improvement (on petition)	6,071.27	A-9987-a
(e)	Toronto, Township of	Watermain on Stavebank Road—Local Improvement (on petition)	4,850.00	A-9987-b
(e)	Toronto, Township of	Watermains on Hampton Crescent etc.—Local Improvement (on petition)	16,424.50	B- 585
(e)	Toronto, Township of	Watermain on Third Street and watermain and hydrants on Cherriebell Road—Local Improvements (on petition)	1,748.00	B- 684
	Tweed, Village of	Hot-Mix asphalt pavement on North Victoria Street—Local Improvement (on petition)	4,000.00	B- 458
	Vaughan, Township of	Construction and equipment of new school room in School Section No. 12	6,000.00	B- 781
	Wallaceburg, Town of	Local Improvements—pavements on Bridge Street etc.	13,000.00	B- 283
	Waterloo, Town of	Concrete walk on east side of Moore Avenue—Local Improvement (on petition)	490.00	B- 403-a
	Waterloo, Town of	Concrete sidewalk on the north side of Waterloo Street—Local Improvement (on petition)	1,600.00	B- 403-b
	Waterloo, Town of	Sewer on David St.—Local Improvement (on petition)	1,242.00	B- 403-c
(m)	Waterloo, Township of	Erection of schoolhouse in Section No. 30 (Parkway) and the purchase of furniture and other equipment therefor.	4,000.00	A-9946
(m)	Waterloo, Township of (Centreville)	Improvement to school building in P.S.S. No. 5	9,500.00	B- 65
(m)	Waterloo, Township of (Sunnyside)	Purchase of site and erection of school thereon in P.S.S. No. 31	37,500.00	B- 66
	Waterloo, Township of	Corporation's share of cost of certain drainage work in the townships of Waterloo, Wellesley and Woolwich	498.17	B- 319

(l)	Welland, City of	Waterworks extensions and enlargements	10,259.00	B- 210
	Wellesley, Township of	Construction of Dietrich Municipal drain	8,103.67	B- 44
	Westminster, Township of	Construction of the Edward St. extension drain	1,529.00	B- 24
(l)	Westminster, Township of	Purchase of a garage building to house their recently purchased road maintainer	300.00	B- 231
(a)	Westminster, Township of	Local Improvements—Watermains on Elmwood Ave. etc.	16,037.00	B- 329
(a)	Westminster, Township of	Local Improvements—Sanitary sewers on Edward Street etc. (with private drain connections)	27,539.80	B- 445
	Westminster, Township of	Sidewalks on Cliftonvale and Devonshire Avenues—Local Improvements (on petition)	1,649.00	B- 580-a-b
	Westminster, Township of	Watermain on westerly side of Wildwood Avenue—Local Improvement (on petition)	1,645.00	B- 619
	Willoughby, Township of	Repair and improvement of the Union Marsh drain and branches	2,206.85	B- 822
(m)	Woodbridge, Village of	Improvements to public school property	7,200.00	B- 558
(a)	Woodstock, City of	Local Improvements—2" bituminous wearing surface on Wilson and Cedar Streets	10,015.00	B- 427
	Woodstock, City of	Concrete sidewalk on William Street and 2" bituminous pavement on Wilson Street—Local Improvements (on petition)	565.00	B- 484-a-b
(a)	Woodstock, City of	Local Improvements—concrete sidewalk on Waterloo St. and sanitary sewer on Vincent street	565.00	B- 636
	Woodstock, City of	2" bituminous pavement on Hincks Street and 8" sanitary sewer on Quintin Place	1,000.00	B- 637-a-b
	Woolwich, Township of	Corporation's share of certain drainage work in the Townships of Woolwich, Wellesley and Waterloo	2,386.85	B- 318
	Woolwich, Township of	Purchase of road-making machinery	8,000.00	B- 471

VALIDATION OF DEBENTURE BY-LAWS

(Section 64 of Part IV of "The Ontario Municipal Board Act")

(Where capital expenditure approved prior to 1941)

Municipality	By-law Number	Purpose	Amount	Procedure File
Arnprior, Town of	1117	Construction and extension of sewer system along Albert Street.	14,900.00	A-9854
Barrie, Town of	1461	Balance of cost of the construction of an intercepting sewer and sewerage treatment plant.	48,000.00	A-8993
Barton, Township of	1811	Certain Local Improvements.	19,112.63	B- 749
Carleton, County of	1213	Construction and improvement of County Highways.	36,000.00	A-9348
Cornwall, Town of	14-1941	Certain Local Improvements.	25,194.18	B- 813-a)
	15-1941	Extensions and improvements to waterworks system.	22,805.82	B- 813-b)
Fort William, City of	3776	Consolidating amounts for Local Improvement works.	38,817.18	B- 97
Crowland, Township of	480-1941	Sanitary sewer on Yonge Street.	1,137.00	A-9733
Crowland, Township of	492-1941	Local Improvements—Sewers and watermains.	71,391.67	B- 613
Halton, County of	745	Construction and improvement of highways forming part of County Road System.	5,000.00	A-9852
Hespeler, Town of	695	Construction of sewer system and all necessary private branch drains and connections to the street line.	116,400.00	A-9240-a
Huntsville, Town of	623	Waterworks purposes.	2,451.00	A-9479
Kitchener, City of	2756	Construction of relief storm sewer.	55,500.00	A-9863
Kitchener, City of	2755	Certain Local Improvements.	9,460.04	A-9976
Leaside, Town of	728	Certain Local Improvements.	34,844.82	B- 14
Leaside, Town of	759	Certain Local Improvements.	92,129.66	B- 592
Neebing, Municipality of	583	Construction and furnishing of a Public School in School Section No. 1, Township of Neebing.	17,500.00	A-9886
North York, Township of	3007	Construction of certain waterworks and sanitary sewers.	29,070.87	A-9992-a
North York, Township of	3008	Construction of certain Black Base pavements and concrete sidewalks with curbs and curb.	14,448.83	A-9992-b
North York, Township of	3009	Construction of a Pumping Station and Force Main in Sewer Area No. 3.	5,500.00	A-9992-c

Ottawa, City of	8944	Local Improvement works.	2,304.11	B- 801-a)
	8945	Local Improvement works.	18,195.89	B- 801-b)
	8946	Local Improvement works.	26,000.00	B- 801-c)
	8957	Suburban Road construction.	18,000.00	B- 801-d)
	9403	Constructing, installing and extending certain watermains, water services and hydrants.	21,420.00	) B- 801-e)
Port Arthur, City of	2455	Main Sewer and House Sewer connections.	11,723.58	B- 506
Port Arthur, City of	2454 (and by-laws Nos. 2442, 2451 both inclusive thereby consolidated.	Local Improvement Works.	56,882.99	B- 505
Rockcliffe Park, Village of	298 (and By-laws Nos. 293, 294, 295, 296 and 297 thereby consolidated)	Local Improvement Works.	16,200.00	A-9942
St. Catharines, City of	4705	Local Improvement Works.	37,106.00	B- 583
Smooth Rock Falls, Trustees of Roman Catholic Separate School Board of, Town of	2	Purchase of a School House.	70,000.00	A-9643
Sudbury, City of	2183	Local Improvement Works.	40,000.00	A-9972
Swansea, Village of	862	Local Improvement Works.	2,231.60	B- 564
Teck, Township of	1004	Construction of waterworks and sewerage system.	64,650.00	A-9203
Teck, Township of	995	Certain floating indebtedness.	26,724.82	A-9825
Thorold, Township of	289(1941)	Certain watermains and sewers.	4,027.77	B- 433
Tisdale, Township of	526	Local Improvements, Sanitary Sewers and Watermains.	17,000.00	A-9269
Toronto, Township of	1264	Watermains on Mineola Road, Centre Road and Middle Road.	14,550.00	A-9503
Toronto, Township of	1269	Watermains on Pinewood Trail.	2,539.26	A-9784-a
Wallaceburg, Town of	1408	Black mulch pavement without curbs and gutters on certain streets.	15,000.00	A-9800

APPROVAL OF BY-LAWS

(Section 407 (2) of "The Municipal Act")

(Capital expenditures approved prior to 1941)

Municipality	By-law No.	Purpose	Amount	Procedure File
Arnprior, Town of	1117	Construction and extension of the sewer system along Albert Street.	14,900.00	A-9854
Cornwall, Town of	15-1941	Waterworks extensions and improvements.	22,805.82	A-8240 A-8086 & A-9849
Kitchener, City of	2756	Relief Storm Sewer.	55,500.00	A-9863
Ottawa, City of	9043	Constructing, installing and extending certain watermains, water services and hydrants.	21,420.00	B- 326
Timmins, Town of	786	Construction of Waterworks.	31,590.10	B- 266

MISCELLANEOUS

ANNEXATIONS

(Section 16 of "The Municipal Act")

Municipality		**Procedure File**
Hagersville, Village of	Annexation of parts of lots 15 and 16 in the thirteenth concession of the township of Walpole	A-9797

ARBITRATIONS

Section 15 of "The Grand River Conservation Act, 1938"

		Procedure File
The Grand River Conservation Commission and Noble Greenaway	Expropriation of Lots Nos. 83 and 85, Plan 78 of the Village of Belwood, in the County of Wellington	A-9933

Section 79 of "The Highway Improvement Act"

Robert Schwertner and Department of Highways	Fixing of compensation for expropriation and damages to part Lots 295 and 296 S.S.T.R., Township of Sandwich South, County of Essex	B- 33
Sylvia Malenfant and Department of Highways	Fixing of compensation for expropriation and damages to Part Lot 295 N.T.R., Township of Sandwich South, County of Essex	B- 34

ASSESSMENT APPEALS

Hotel Belvedere Limited vs. City of London	B- 79
National Trust Company, Ltd. vs. City of Toronto	A-9914
Roher, Samuel, vs. City of Toronto	A-9909
Russell Industries Limited vs. City of Toronto	A-9617
Teck-Hughes Gold Mines Limited vs. City of Toronto	A-9579

ASSESSMENTS — FIXED

Section 405, (1) paragraph (b) of "The Municipal Act"
(as re-enacted by O.S. 1941, C. 35, s. 12, s.s. (1))

Municipality	By-law Number		Procedure File
Elmira, Town of	688	Naugatuck Chemicals Limited	B- 227
Elmira, Town of	689	Elmira Shirt and Overall Co. Ltd.	B- 228
Fort William, City of	3805	Assessments for certain temporary storage facilities for additional storage facilities for wheat during the present war emergency	A-9728
Owen Sound, City of	1041	Assessment on certain lands of Russel Brothers Ltd., in an amount of $6,000.00.	B- 746
Owen Sound, City of	1045	Assessment on certain lands of the William Kennedy & Sons Ltd. in an amount of $49,400.00.	B- 777
Paris, Town of	1025	Fixed assessment of $45,000.00 to Gypsum, Lime & Alabastine, Canada, Ltd.	B- 185

Port Arthur, City of 2468	Fixed assessments of certain storage facilities	B-721-a-i
Ross, Township of	Fixed assessment of $15,050.00 on certain lands of the Dominion Magnesium Limited	B- 820
Shackleton and Machin, Townships of 142	Approval of By-law Number 142—Fixed assessment to Spruce Falls Power and Paper Company, Ltd.	B- 679

DEFAULTING MUNICIPALITIES—REFUNDING PLANS

("The Department of Municipal Affairs Act")

	Procedure File
Essex, Town of	A-9891
Rainy River, Town of	A-9941

DEFAULTING MUNICIPALITIES—RELEASE FROM SUPERVISION

(Section 64 of "The Department of Municipal Affairs Act")

	Procedure File
Calvert, Township of	B- 768
Collingwood, Town of	B- 628
Dysart, Township of	B- 359
East York, Township of	B- 590
Etobicoke, Township of	B- 360
Fort Erie, Town of	B- 629
Kingsville, Town of	B- 625
Leamington, Town of	B- 624
Leaside, Town of	B- 357
Long Branch, Village of	B- 630
Midland, Town of	B- 626
Mimico, Town of	B- 621
New Toronto, Town of	B- 622
Niagara Falls, City of	B- 362
North Bay, City of	B- 363
North York, Township of	B- 361
Pembroke, Town of	B- 643
Penetanguishene, Town of	B- 627
Scarborough, Township of	B- 676
Sudbury, City of	B- 351
Thorold, Town of	B- 623
Trenton, Town of	B- 358
Weston, Town of	B- 598
Windsor, City of	B- 300
York, Township of	B- 574

DETACHMENT OF FARM LANDS FROM TOWN OR VILLAGE

(Section 21 of "The Municipal Act")

Municipality		Procedure File
West Lorne, Village of	Application from Daniel and Annie Clark for detachment of Village Lots Nos. 106, 107 and 108, Registered Plan 199, and the annexation to the Township of Aldborough	B- 261
L'Original, Village of	Application of Ephrem Leclair et al for detachment of certain farm lands from the Village and annexation of same to the Township of Longueuil	A-9828

HIGHWAYS—CLOSING OF BY DEPARTMENT OF HIGHWAYS

(Section 79 (a) of "The Highway Improvement Act")

Municipality		Procedure File
Whitby, Town of	Closing of that part of Annes Street lying between Victoria Street and the Toronto-Oshawa Divided Highway	B- 41

HIGHWAYS—(COUNTY)—ABANDONMENT OF PART OF

(Section 468 (3) of "The Municipal Act")

Municipality	By-law Number		Procedure File
Frontenac, County	653B (1941)	Part of the "Front Road" being parts of broken front in front of Lots 10, 11 and 12, Concession 1, of the Township of Kingston	B- 59

HIGHWAYS (NARROW)

(Section 502 (2) of "The Municipal Act")

Municipality		Procedure File
Bala, Town of	Opening of a highway leading from Highway No. 69 to Ragged Rapids in lieu of the portion of the Highway closed by By-law No. 241 of the said Corporation	B- 373
Barton, Township of	Opening of a highway from the southerly limit of Central Avenue as shown on Plan of Easthaven Survey Plan 702, southerly to King Street (Barons Avenue)	A-9982
Mountain, Township of	Opening of a highway across the east half of Lot 18 in the First Concession of the Township	B- 609
Port Arthur, City of	Opening of a highway (St. George Street) on a portion of Lot 15 registered Plan 116 and to open up and establish a portion of the said Lot 15 as a public lane	B- 577
Williamsburg, Twp. of	Opening of a highway in the 6th Concession of the Township	A-9834

Windsor, City of	Opening of portion of Highland Avenue	B- 750
York, Township of	Opening of a highway over Lot 925 and part of Lot 924 as shown on registered Plan for the east and west Registry Division of the County of York	A-7987

INCREASED BORROWINGS BY MUNICIPALITIES

(Section 339 (2) of "The Municipal Act")

Municipality	Amount	Procedure File
Larder Lake, Town of	90%	B- 704
Lennox and Addington, County of	100%	B- 409
St. Marys, Town of	90%	B- 766
Teck, Township of	90%	B- 670
Wellington, County of	100%	B- 370

LEGISLATION (SPECIAL)

Municipality		Procedure File
East York, Township of	Approval of By-law Number 3141 amending its By-law Number 2474, respecting the salary for Reeve and Members of Council (Section 2, subsection (2), Township of East York Act, 1935)	B- 28
Forest Hill, Village of	Approval of By-law Number 1392 amending By-law Number 578, changing the location of Vesta Drive so as to permit the development of the south side of Shallmar Boulevard and the north side of Vesta Drive (Section 3 of Village of Forest Hill Act, 1937, Chapter 89)	A-7240
Toronto, City of (Board of Trustees of the Roman Catholic Separate Schools)	Recommendation to the Lieutenant-Governor for his Proclamation to bring into force the Toronto and Suburban Separate School Board Act, 1941	B- 99
Toronto, City of (Board of Trustees of the Roman Catholic Separate Schools)	Approval of the appointment of three persons to constitute an Equalization Commission (Section 8, Toronto and Separate School Board Act, 1941)	B- 99
Swansea, Village of	Approval of By-law No. 880 authorizing the payment of a fixed annual allowance of $400.00 to the Deputy Reeve and $300.00 to each Councillor "The Village of Swansea Act 1941" (chapter 79, section 9)	B- 748
York, Township of	Adoption of the Report of the Referee appointed by the Board to value, adjust and determine all rights and claims (if any) of the several transportation districts or areas dissolved by By-law 11929 (Township of York Act, 1935)	A-9393
York, Township of	Appointment of a Referee to value, adjust and determine in an equitable manner all rights and claims between the respective parts of the Township made into one sewer area under the provisions of By-law No. 11996 (Section 7, Township of York Act, 1935)	A-9956

LICENSE FEE

(Section 420 (11) of "The Municipal Act")

Municipality	Purpose	Procedure File
Galt, City of	Annual Fee of Twenty-five Cents for Bicycle	B- 742
Preston, Town of	Annual Fee of Twenty-five Cents for Bicycle	B- 738

LOCAL IMPROVEMENTS—APPROVAL OF UNDERTAKING OF

(Section 8 of "The Local Improvement Act")

Municipality	Notice of Intention Dated	Works	Procedure File
Sault Ste. Marie, City of	November 12th, 1940	Improvement of certain streets in Wards 1, 2, 3, 4, 5 and 6 by treating with tar	A-9922

LOCAL IMPROVEMENTS—PART ONLY OF WORK

(Section 18 of "The Local Improvement Act")

Municipality	Amending By-law	Original By-law	Procedure File
Port Arthur, City of		2386	A-8382-d
Sudbury, City of	2188	2068	A-8554-a
Toronto, City of	15491	15324	A-9242-3
Toronto, City of	15478	15324	A-9242-4

"THE PLANNING AND DEVELOPMENT ACT," "THE LAND TITLES ACT" AND "THE REGISTRY ACT"—PLANS OF LAND SUBDIVISIONS

Owner	Description	Procedure File
Anglin, S. & Co. Ltd.	Part w. ½ Farm Lot 22 (also referred to as Part Lot 80 Rowan and Moore's Survey) City of Kingston	B- 31
Armstrong, Wm. A.	Part Lot 4, Range 1, Kingsville Reserve, Township of Etobicoke	B- 390
Allan, Thos.	Part Lot 53, Con. 1, Tp. of Ancaster, County of Wentworth	B- 486
Anglo-Canadian Associates Ltd.	Lot 2, Con. II, Tp. Neebing (now in City of Fort William)	B- 653
Ashton, Thos.	Part Lot 35, Con. "A", Tp. Scarborough (also Registry Act)	B- 793
Baldwin, Lawrence, Heyden, Estate of	Part Lot 23, Con. III, from the Bay including Block "C", Plan 1895 York, Tp. and County of York, all in Village of Forest Hill	B- 150
Breman, Herbert	Part Lot 33, Con. II, Tp. Saltfleet, County of Wentworth	B- 307
Crosthwaite, H. F.	Part Lot 3, Con. III, Tp. Barton, now in City of Hamilton ("H. F. Crosthwaite Survey No. 1)	B- 191
Canadian Pacific Railway Co.	North ½ Lot 6, Con. III, Tp. of McKim, now in City of Sudbury	B- 353
Columbian Rope Co. Ltd.	Part Lot 18, Con. V, Tp. Grantham, now in City of St. Catharines, and part Lot No. 47 on the Dougan Plan No. 70	B- 469
Christakos, Antoinette	Part Lot 4, Con. III, Tp. McKim, now all in City of Sudbury	B- 528
Cooper, Alf. & Co.	Lot 24, Con. III, Tp. Neebing, Dist. Thunder Bay	B- 529
Chippewa, Village of	Lots 45 to 50 and unopened lane on south-easterly side of Main Street &c.	B- 824
Davis, Robert, Estate of	Part Lot 10, Con. II from the Bay, Tp. East York, Co. York.	B- 496
East York, Township of	Lot 13, R. Plan 95 (York)	B- 239
East York, Township of	Parts Lots 3, 4 and 5, Con. II from the Bay (Tp. York) Tp. East, County of York	B- 293
East York, Township of	Blocks A, B, C, D, E and F. Reg. Plan 3015 York, Township of East York	B- 495
East York, Township of	Resubdivision of Lots 1 to 20 (inclusive) Reg. Plan 2984 and Part Lot 9, Reg. Plan 95, York, Township East York, County of York	B- 729
Francis, George Edward (Executor of Estate of Robt. S. Francis)	Lot 8 and part Lots 5 and 7, Con. V., Twp. of Franklin, District of Muskoka	B- 163
Faris, Walter	Part Smith and Kerby Tract in Tp. Brantford	B- 659
Galt, City of	Part Lot 2, Con. 10, west of the Grand River (Registry Act)	B- 18
Gallie, Wm. H.	Part westerly parts Lots 43 and 44, Lake Front Concession, Tp. Plympton, Co. Lambton	B- 35

Gage, Geo. C. et al	Part Lot 2, Con. III, Tp. Barton, Co. Wentworth (Churchill Park)	B- 543
Groban Land Co. Ltd.	"Westwood Addition" being subdivision of part of Gore of Township of Ancaster (now in City of Hamilton)	B- 597
Himmin, Jacob J.	Part Lot 11, Con. III, Tp. Barton (City of Hamilton)	A-9928
Hull, Sackville	See Tiplady, John Turnbull	
Henderson, W. T. et al	Parts Lots 9 and 10, east of Paris Road, Part Lot 1, east of Elm St., Part Lot 1, west of Elm Street, Part Lot B, Plan 397 (formerly Elm Street)—all Plan No. 31, Township of Brantford)	B- 124
Hewitt, Joseph A.	Part Lot 5, Range 1, Kingsmill Reserve and Part Registered Plan 3010 York, Township of Etobicoke, County of York	B- 272
Hewitt, Joseph A.	Part Lot 6, Range 1, Kingsmill Reserve, Twp. of Etobicoke, County of York	B- 416
Harrison, William	Part Lot 2, Con. III, Township of Barton, County of Wentworth ("East Haven Annex")	B- 537
Johannsen, Charles A.	West half Block 57, Registered Plan 15632 City of Ottawa, County of Carleton	B- 544
Katainen, Anne	Part Lot 1, Concession III, Township of Mountjoy, District of Cochrane (Planning and Development Act and Land Titles Act)	B- 72
Lochead, Mrs. Rachel	Part Lot 9, Concession III, Township of Dryden (Planning and Development and Land Titles Acts)	B- 290
Lankin, George A.	Parts Lots 9 and 10, Registered Plan 95 and Part Block "C" Registered Plan 2984, Township of East York, County of York	B- 571
Miller, S. R. (Estate of)	Part Lot 14, Concession IV, Township of Barton, County of Wentworth (now in City of Hamilton)	B- 612
MacFarland, Ewart G. and Elsie I.	Part Farm Lot 21, Concession 1, Township of Kingston (now in City of Kingston)	B- 614
MacKey, J. J.	Part Plan M.57, East ½ Lot 8, Concession II, Township of McKim, District of Sudbury	B- 692
Meretsky, Simon et al	Part Farm Lot 110, McNiffs' Survey, formerly in Concession 1, Township of Sandwich East (now in City of Windsor)	B- 792
McCullough, John	Part Mining Claim S.32317, Township of Osway, District of Sudbury (Jeromston Townsite)	A-9959
McCannan, Herbert J.	Part Lots 50 and 51, Registered Plan 154 City of Peterborough and part Park Lots 7, 8 and 9, Lot 13, Con. XII, Township of North Monaghan (now in City of Peterborough)	B- 83
McCreery, Allan N.	Part Farm Lot 81, Con. I, Township of Colchester South, County of Essex	B- 474
McDonald, J. F.	Lot 25, Concession VI, Township of Perry, District of Parry Sound	B- 734

North York, Township of and Hydro Electric Power Commission of Ontario	Approval of Plan amending Plan 2419, being Part Lot 21, Con. I, west of Yonge St., Township of North York, County of York	B- 449
Ottawa, City of	Parts Registered Plans 222921 and 114306 (showing Kenilworth Avenue, Hutcheson Avenue, Reid Avenue, Barrie Avenue, First Street, and Georgina Street at less than 66')	A-9980
O'Grady, James	Part Lot VI, Township of McKim, District of Sudbury	B- 527
Ontario, Province of	(Inspector of Legal Offices) Part Farm Lot 10C, Concession II, Township of Sandwich East, County of Essex	B- 805
Page, Hubert	Part South ½ Lot 8, Concession II, East of Yonge Street, Township of North York, County of York	B- 246
Port Arthur, City of	Part Lot 184, Registered Plan 250, being part Mining Location "B", City of Port Arthur (showing opening of Morse Street)	B- 337
Port Arthur, City of	Proposed exchange of properties with School Board for lane outlet (known as "The Cornwall School Lane")	B- 536
Pilotte, Isidore	Part west ½ Lot 6, Concession I, Township of Garson, District of Sudbury	B- 573
Port Arthur, City of	Approval of Plan showing extension of St. George Street and opening of lane easterly therefrom to rear of Lots fronting on Dawson Street	B- 577
Provident Investment Co.	Parts Lots 2 and 12, Registered Plan 310 (York) Township of East York, County of York	B- 674
Port Arthur, City of	Approval of Plan showing extension of Tupper Street from High Street to Pine Street at width of 24' (Part Lot 1, Concession "B", Township of McIntyre)	B- 802
Ratcliffe, E. B.	Part Lot 1, Concession 3, Township of Barton, ("East Anglia Survey)	B- 387
Richmond, Ursula	Part Lot 9, Concession III, Township of North Gwillimbury, County of York	B- 671
Rollason, W. B. & Co. Ltd.	Lots 154 to 159 and Lots 164 to 170 (inclusive) of Geneva Gardens, Plan No. 139 and part Lot 16, Concession V, Township of Grantham, (now in City of St. Catharines)	B- 693
Shannon, Aquila	Westerly part of Lot 32, L. R. W. Concession, Township of Hay, County of Huron	A-9920
Sharp, Robert and Alexander	Part Lot 14, Con. IV, Township of Barton (now in City of Hamilton, "Tweedsmuir Park")	B- 143
Shaver, Morley Edward	Part Lot 12 and Part Cobourg and Peterborough Railway Right of Way, Registered Plan No. 64, City of Peterborough (Planning and Development and Land Titles Act)	B- 186
Sharp, Ida May	Part Lot 30, Con. VI, Township of Eastnor, County of Bruce	B- 193

Strong, E. Carmen, Ltd.	Part Lot 13, Con. II, S.D.S. Toronto Township	B- 198
Sutton, F. J. et al	Part Lot 2, as shown on Plan of Part Lot 7, Concession X, formerly in Township of North Dumfries, now in City of Galt, and Part Lot 7, Concession V, Township of North Dumfries, County of Waterloo	B- 578
Sacred Heart College of City of Sudbury	Part Lot 5, Concession IV, Township of McKim, (now in City of Sudbury)	B- 660
Saya, Daniel John	Part Lot 19, Concession A and Part Park Lot A, Concession A, Registered Plan No. 91, Township of McDougall, and Part Lot A, Concession XX and Part Lot A, Registered Plan 91, Town of Parry Sound, District of Parry Sound	B- 812
Tiplady, John T.	Approval mortgage to Sackville Hull on parts Lots 10 and 11, Concession I, Township of West Flamboro, County of Wentworth	A-9957
Townray, Charles Robt. et al	Part Lot 15 and part Lot (unnumbered) as shown on 40 Acre Block No. 73A. City of St. Catharines, County of Lincoln	B- 451
Tefft, Roberta	Part Lot 16, Concession II, West of Yonge Street, Township of York, County of York (in Municipality of North York)	B- 717
Taylor, C. E.	Part Lot 6, Broken Front Concession, Township East Flamboro, County of Wentworth	B- 739
Tuckett, J. R.	Parts Lots 6 and 5, Range 3, Township of Pickering, County of Ontario	B- 762
Tough, Calvin R.	Part Lots 27 and 28, Concession VI, Township of Machin, District of Parry Sound	B- 811
Wagner, John	Part Lot 6, Concession I, Township of McKim, District of Sudbury	B- 122
Westlake Properties Ltd.	"Parkside Gardens", Part Lot 21, Concession II, Township of Barton, Part Lots 9 and 10, Sir Allan McNab's Survey; all Lots 704 to 723 and 16' strip south of Lot 707; Part Lot 621, Part Block 500 Woodland Survey, Registered No. 634; All Lots 304 to 322, and 401 to 419 and Part Norwood Road, Princess Heights Survey, Registered No. 679 (all now in City of Hamilton)	B- 170
West Parkroad Realty Company, Ltd.	Part Lot 4, Concession III west of Yonge Street, Township of North York, County of York	B- 332
Wedlake, George, Estate of, et al	Lots 51 and 52, A and 1 to 18 (inclusive), Block 29, and Front Street, Plan 207, Village of Port Dover, County of Norfolk	B- 425
York, Township of	Parts Blocks A, B, and H, Registered Plan 2599, Township and County of York	B- 440

RAILWAYS (PROVINCIAL)—ORDERS ISSUED BY THE BOARD RESPECTING

		Procedure File
Cornwall Street Railway, Light and Power Co., Limited	Approval of Plan dated the 1st day of February, 1941, showing new freight route to the Howard Smith Paper Mills	A-9947
Toronto Transportation Commission	Approval of proposed emergency support for life guards on P.C.C. cars	B- 252

RESTRICTED AREAS—ESTABLISHMENT OF

(Section 406 of "The Municipal Act" as re-enacted by O.S. 1941, C.36, s.13)

Municipality	By-Law No.	Area Restricted	Procedure File
Forest Hill, Village of	1446	Briar Hill Avenue, Ridelle Avenue, Roselawn Avenue, Pontiac Street, Oneida Street and Nokomis Street	B- 268
Forest Hill, Village of	1433	Ridgehill Drive between Glenarden Road and Rosebury Avenue	B- 120
Fort Erie, Town of	858	(As amended by By-law No. 860 in part) Creation of restricted area as described therein	B- 400
Kingston, Township of	417	Creation of restricted district or zone wherein no residence shall be erected at a cost of less than $1,200.00	B- 180
London, Township of	2003	Creation of restricted area in that portion of the Township lying to the west of the City of London more particularly described in the By-law	B- 168
London, Township of	2004	Creation of restricted area in that portion of the Township lying to the east of the City of London more particularly described in the By-law	B- 169
North Monaghan, Tp. of	1196	Area covered by By-law	B-434-a
North Monaghan, Tp. of	1197	Area covered by By-law	B-434-b
North York, Tp. of	2940	Establishment of restricted district composed of part of the south half of Lot 19, in the First Concession west of Yonge Street (as amended by By-law No. 2992)	A-9835
North York, Tp. of	3002	Land fronting on Bathurst Street	B- 202
Peterborough, City of	4185	(as amended by By-law No. 4194) Portion of City bounded on the east by the western limit of Burnham Street and the production southerly of said western limit of Burnham Street to Little Lake, on the south by the line of the Canadian Pacific Railway, on the west by the Otonabee River, and on the north by the southern limit of Dale Avenue	B- 470
Portsmouth, Village of	553	Prohibiting the erection of houses within the village at a less cost than $1,500.00	B- 421
Port Stanley, Village of	860	Land and buildings within Areas 1 (Western) and 2 (Eastern) in the Village wherein (a) no land shall be used for or occupied by tents, cabins or trailers for the accommodation of tourists or persons other than members of the family of the owner of the land and (b) No building shall be erected or used within the area except for private residential purposes	A-9533
St. Catharines, City of	4676	Spruce Street, Linden Street, St. Patrick Street, Junkin Street, Fitzgerald Street, Wiley Street and Gibson Place	B- 190
St. Catharines, City of	4681	Pleasant Avenue	B- 218

St. Clair Beach, Village of	188	Establishing residential districts	A-9937
Scarborough, Tp. of	2066	(Consolidating By-laws Nos. 2051 and 2056 and amended by By-law 3064) establishing business and residential districts in certain designated sections of the Township	B- 378
Stamford, Township of	798 1941	Establishing part of Lundy's Lane in the Township as a restricted area	B- 321
Swansea, Village of	834	Establishing building restrictions for Zone 1 which is sub-divided into Sections A-J (except Sections E & I)	A-9832
Swansea, Village of	881	Establishing building restrictions for Zone 4, which is sub-divided into Sections B, C, D, E, G, I and J	B- 779
Tecumseh, Town of	447	Area of land bounded on the north by Lake St. Clair, on the south by the north side of Riverside Drive and on the west by the east limit of Lesperance Road	A-9918
Toronto, City of	15406	Either side of Leslie Street between Queen and Gerrard Streets	A-9510
Toronto, City of	15520	Residences of a lesser height than two storeys and costing less than $6,000.00 on lands abutting certain highways in Lawrence Park East	A-9907
Toronto, City of	15521	Residences of a lesser height than two storeys and costing less than $6,000.00 on lands abutting St. Hildas Avenue and Aldbury Gardens and portions of Glengrove Avenue East, Blythwood Road and Strathgowan Avenue	A-9908
Toronto, City of	15590	Prohibiting the use of land or the erection or use of buildings for public hospital purposes in Ward 8	B- 184
Toronto, City of	15622	For certain residential purposes only land on Walker Avenue, except parts of Lots Nos. 2 and 3, according to Plan 474	B- 548
Whitby, Township of	1422	Regulating the construction, alteration or repair of buildings within the limits of the Township of Whitby	B- 539
York, Township of	11962	Areas described as Parcel Numbers 1, 2, 3 and 4	A-9788
York, Township of	11980	Area designated as "Humberview-Langmuir"	A-9798
York, Township of	12092	Prohibiting the erection, parking, placing or use of any tent, cabin trailer or house on wheels in a certain defined area	B- 725

RESTRICTED AREAS—REPEAL OR AMENDMENT OF

(Section 406 of "The Municipal Act" as re-enected by Section 13, Chapter 35, O.S. 1941)

Municipality	Amending By-law No.	Original By-law No.	Areas Affected	Procedure File
East York, Township of	3291	1243	Addition to Clause 1 or original By-law of the southerly 20' throughout from front to rear of Lot 56, Plan 1336	B- 280
Forest Hill, Village of	1416	285	Lots 161 and 162, Plan 824	B- 4
Forest Hill, Village of	1458	1032	Part of Lot 70, Plan 2796	B- 334
Forest Hill, Village of	1471	73	Parts of Lots 64, 65 and 66, Plan 1688	B- 582
Forest Hill, Village of	1474	73	Portion of the basement of 244 Lonsmount Drive to be used as a Doctor's office	B- 644
Forest Hill, Village of	1475	1433	Lots 15, 16, 17, 18, 19, 20 and 21, Plan 2825	B- 645
Forest Hill, Village of	1478	730	Paragraph 1 of original By-law repealed and use of land and buildings except for detached one family dwelling house prohibited on either side of Castlefield Avenue, St. Clement's Avenue and Briar Hill Avenue between Caldow Avenue and the East Village limits	B- 680
London, City of	C.P.18-250	7191	Lots immediately adjacent to the property owned by the Children's Aid Society on the west side of Wharncliffe Road, known as Municipal No. 109 Wharncliffe Rd.	B- 579
London, City of	C.P.17-242	7191	54-56 York Street for the purposes of a machine shop	B- 595
North Monaghan, Township of	1195	1065-6	Penalties for breach of provisions of certain by-laws	A-6134-6135
North York, Township of	3001	1100	Amendment of paragraphs 1 and 4 and addition of sections 2a and 5a	B- 56
Ottawa, City of	8996	7604	St. George's Ward	B- 101
Ottawa, City of	8997	8498	Portion of Melrose Avenue and other streets (building line)	B- 107
Ottawa, City of	9040	3948	Delaware Avenue	B- 248
Ottawa, City of	9061	5518	Lots 1-7 (north side) and Lots 8-14 (south side) Besserer Street	B- 477

Ottawa, City of	9076	6839	Church on Lots 2106-7 south side Byron Street and Lot 2102 west side Holland Avenue	B- 611
Ottawa, City of	9099	3948	Delaware Avenue	B- 737
Port Arthur, City of	2424	2326	Lots 219-228 inclusive, Lots 276 to 285 inclusive, Lots 333 to 342 inclusive, Lots 390 to 399 inclusive, Lots 447 to 456 inclusive, Lots 504 to 513 inclusive, Lots 522 to 535 inclusive (Plan M-43)	A-9905
Port Arthur, City of	2463	2253	Lot 3, Block 20, Plan 121	B- 499
St. Catharines, City of	4665	3428	Part of Church Street—building line	B- 215
St. Catharines, City of	4671	3269	Part of Merritt Street—building line	B- 216
St. Catharines, City of	4672	4095	Bond Street, St. Paul Street and Geneva Street	B- 217
St. Catharines, City of	4682	3870	Kensington Gardens—Thairs Avenue—building line	B- 219
St. Catharines, City of	4696	3269	North side of Merritt Street from Ontario Street to 110 feet west of the westerly limit of St. Thomas Street—building line	B- 422
Scarborough, Township of	3071	2066	Victoria Park Avenue from Winston Avenue to Lindon Avenue	B- 651
Swansea, Village of	868	834	Lot 215, Plan M.356	B- 638
Toronto, City of	15514	12604	Permitting the erection of an apartment house at the northeast corner of Oriole Parkway and Oriole Crescent	A-9883
Toronto, City of	15516	11986	Conversion of 382 Palmerston Avenue into a duplex dwelling house	A-9884
Toronto, City of	15528	11986	Conversion of 373 Palmerston Avenue into a duplex dwelling house	A-9943
Toronto, City of	15529	11986	Erection on certain lands south of No. 469 Palmerston Avenue of a duplex dwelling house	A-9944
Toronto, City of	15551	11986	Erection of two-family residences, or conversion into two-family residences of existing dwelling houses fronting on either side of Palmerston Avenue between College Street and Bloor Street	B- 19
Toronto, City of	15562	6061	Erection of three-storey apartment houses or the conversion of existing dwelling houses into three-family dwelling units, fronting on either side of Beverley Street, between College Street and Cecil Street	B- 117

Toronto, City of	15569	7867	Sale of goods, wares and merchandise on lands abutting on either side of Eglinton Avenue West between Oriole Parkway and the west City Limits	B- 118
Toronto, City of	15570	15037	Erection of or the conversion of existing dwelling houses into two-family residences on certain lands adjoining Wychwood Park	B- 156
Toronto, City of	15573	6061	Erection of apartment houses, not exceeding four storeys in height, fronting on either side of Elm Grove Avenue between Melbourne Avenue and King Street West	B- 157
Toronto, City of	15574	11957	Conversion into a three-family dwelling house of any existing dwelling house fronting on either side of Spadina Road between Lowther Avenue and Bernard Ave.	B- 158
Toronto, City of	15575	6061	Conversion into a three-family dwelling unit of any existing dwelling house fronting on either side of Cecil Street between Huron Street and Beverley Street	B- 159
Toronto, City of	15586	8880	Conversion into a three-family apartment house of any existing dwelling house fronting on the north side of Lowther Avenue between Brunswick Avenue and Walmer Road	B- 181
Toronto, City of	15587	5078	Use of lands or erection or use of buildings fronting on the south side of Queen Street West between Jameson Avenue and Dowling Avenue for store purposes	B- 182
Toronto, City of	15589	6061	Conversion into a three family apartment house of any existing dwelling house fronting on either side of Euclid Avenue, between Lennox Avenue and Bloor Street West	B- 183
Toronto, City of	15600	14780	Conversion of any existing dwelling house fronting or abutting on the west side of Oriole Parkway between Burnaby Boulevard and Willowbank Boulevard into a three-family apartment house	B- 230
Toronto, City of	15598	6061	Conversion into a three-family apartment house of any existing dwelling house fronting on the south side of St. John's Road, between Laws Street and Evelyn Ave.	B- 241
Toronto, City of	15605	11986	Conversion of any existing dwelling house fronting or abutting on either side of Palmerston Avenue, between Lennox and Herrick Streets, into a three-family apartment house	B- 309

Toronto, City of	15606	13941	Use of lands or erection and use of buildings fronting on either side of Gerrard Street, between Greenwood Avenue and Highfield Road, for certain purposes	B- 310
Toronto, City of	15607	13944	Either side of Gerrard Street East, between Greenwood Avenue and Highfield Road	B- 311
Toronto, City of	15610	14236	Use of lands or the erection and use of buildings fronting on either side of Brandon Avenue, between Dufferin Street and Lightbourne Avenue, for storage, warehouse and light manufacturing purposes	B- 312
Toronto, City of	15612	7867	Use of lands fronting on the south side of Queen St. West, between Jamieson and Dowling Avenues, for used car lot purposes	B- 314
Toronto, City of	15623	6061	Conversion into a three-family apartment house of any existing dwelling house fronting on either side of Madison Avenue, between Lowther and Bernard Avenues	B- 547
Toronto, City of	15624	11986	Conversion of any existing dwelling house fronting or abutting on either side of Palmerston Avenue between College and Ulster Streets into a three-family apartment house	B- 548
Toronto, City of	15625	8514	Use of lands or the erection and use of buildings fronting on certain portions of Coxwell Avenue for store purposes or for the purposes of a veterinary hospital or clinic for dogs and cats	B-549
Toronto, City of	15626	14236	Erection and use of buildings fronting or abutting on either side of Brandon Avenue between Dufferin Street and Lightbourne Avenue	B- 550
Toronto, City of	15627	7734	Erection and use of undertakers' establishments on the east side of Mount Pleasant Road, between Soudan Avenue and Eglinton Avenue East	B- 551
Toronto, City of	15629	9495	Conversion of existing dwelling houses fronting on the north side of Heath Street West between Yonge Street and Bryce Avenue into two-family dwelling houses	B- 552
Toronto, City of	15634	11986	Erection or use of buildings on either side of Palmerston Avenue between Bloor and Lennox Streets for the purpose of doctors' offices	B- 593

Toronto, City of	15641	11862	Conversion into three-family apartment houses of existing dwelling houses on the south side of Erskine Avenue between Yonge Street and the east boundary of Lot No. 137, Plan No. 556	B- 656
Toronto, City of	15653	6061	Conversion of any existing dwelling house on either side of Markham Street, between College and Ulster Streets, into a three-family apartment house	B- 702
Toronto, City of	15653	6061	Conversion of any existing dwelling house on either side of Markham Street, between College and Ulster Streets, into a three-family apartment house	B- 702
Toronto, City of	15661	12958	Erection and location of buildings on the east side of Castlewood Avenue, between Roselawn and Castlefield Avenues closer to the street line and side lot lines than the distances prescribed by the original by-law	B- 728
Toronto, City of	15657	11356	Varying the building line restriction on the east side of Oriole Road between Heath Street West and Lonsdale Road	B- 730
Toronto, City of	15658	11356	Varying the building line restriction on the east side of Mount Pleasant Road between Sheldrake Boulevard and Sherwood Avenue	B- 731
Toronto, City of	15659	7734	Erection or use of buildings or the use of lands on a portion of Merton Street east of Yonge Street for light manufacturing purposes	B- 732
York, Township of	12050	11789	Erection of stores and other specified businesses on lands fronting on a part of the west side of Jane St.	B- 385

SINKING FUNDS—USE OF SURPLUS AND AUTHORITY TO DISPENSE WITH FURTHER LEVY FOR, WHERE AMOUNT IN SINKING FUND SUFFICIENT

(Section 321 (a) and (b) of "The Municipal Act" (as enacted for Section 18 O.S. 1939, C.30)

Municipality		Procedure File
Peterborough, City of	Debts created by By-laws 1772, 1814, 2455, 3080, 1788, 1704, 1906, 2467, 2469, and 2463	B- 457

TOWNSHIP—(UNORGANIZED)—ERECTION OF INTO STATUS OF TOWN

(Section 426 of "The Municipal Act")

Municipality	Procedure File
Tisdale, Township of	A-9991

WEIGH SCALES AND WEIGHING OF COAL AND COKE

(Section 408 (11) of "The Municipal Act")

Municipality	By-law Number	Amending By-law	Purpose	Procedure File
Hamilton, City of	5255	4586	Closing of Weigh Scales at 12 o'clock noon every Saturday throughout the year	B- 675

ORDERS ISSUED BY THE BOARD UNDER "THE TELEPHONE ACT"

(R.S.O. 1937, Chapter 261)

		Procedure File
Addison Rural Independent Telephone Co. Ltd.	Approval of by-laws governing the control and management of the affairs of the Company	B- 178
Addison Rural Independent Telephone Co. Ltd.	Approval of annual charges to shareholders for telephone service	B- 460
Arran Municipal Telephone System	Approval of annual charge of $10.00 to subscribers	A-9970
Artemesia Municipal Telephone System	Approval of tolls	B- 713
Beckwith and Montague Telephone Co. Ltd.	Approval of tolls	B- 763
Bell Telephone Company of Canada	Approval of purchase by the Municipal Corporation of the Township of Mersea of certain plant and equipment from	B- 508
Bruce Municipal Telephone System	Authority to invest an amount not exceeding $500.00 of Depreciation Fund in interest-bearing securities	B- 15
Byron Telephone Company, Ltd.	Approval of By-law Number 15	B- 816
Carlow Municipal Telephone System (operated by Twp. of Carlow)	Authority to invest an amount not exceeding $300.00 of Depreciation Funds in interest-bearing securities	B- 322
Clarence Telephone Company, Limited	Authority to invest $400.00 of Depreciation Funds in interest-bearing securities	A-9989
Coe Hill Rural Telephone System (C. S. Rollins and W. H. Gilroy)	Sale of system to Charles Howard Gunter (to be known as the Wollaston Rural Telephone System)	A-9955
Derby Telephone Company, Ltd.	Approval of increased charges	A-9558
Dunsford Telephone Light and Power Co-operative Assoc'n. Ltd.	Authority to invest $1,600.00 of Depreciation Funds in interest-bearing securities	B- 201
East Middlesex Telephone Company, Ltd.	Authority to invest $500.00 of Depreciation Funds in interest-bearing securities	B- 240
East Middlesex Telephone Company, Ltd.	Authority to expend a portion of Depreciation Reserve upon new construction, extensions and additions to system	B- 568
Goderich Twp. Municipal Telephone System	Increased Charges	B- 419
Gore Bay Municipal Telephone System	Authority to invest an amount not exceeding $700.00 of Depreciation Funds in interest-bearing securities	B- 338
Gosfield North Municipal Telephone System	Authority to invest $1,081.32 of Depreciation Funds in interest-bearing securities	A-9954
Halton Telephone Company, Ltd.	Authority to invest $1,000.00 of Depreciation Funds in interest-bearing securities	B- 233

Hopetown Telephone Company, Ltd.	Authority to invest $300.00 of Depreciation Funds in interest-bearing securities	B- 234
Howick Municipal Telephone System	Approval of date for holding Annual Meeting	A-9994
Ingersoll Telephone Company, Limited.	Authority to revise rate to be set aside as reserve for depreciation	B- 37
Ingersoll Telephone Company, Limited	Authority to expend a portion of depreciation reserve upon new construction, extensions and additions to system	B- 700
Ivy-Thornton Telephone Company, Ltd.	Authority to invest $500.00 of Depreciation Funds in interest-bearing securities	B- 232
Kerns Municipal Telephone System	Approval of sale of system to the Northern Telephone Company, Ltd.	B- 226
Kerns Municipal Telephone System	Approval of By-law No. 297	B- 354
Laurel Telephone System	Approval of purchase of system from Wilfred Thomas Smith by Earl Stevenson	A-9958
London Municipal Telephone System	Approval of By-laws Nos. 1 and 3	B- 788
London Municipal Telephone System	Approval of telephone tolls	B- 821
Mallorytown Telephone Company, Ltd.	Authority to invest $500.00 of Depreciation Funds in interest-bearing securities	B- 372
Medora and Wood Municipal Telephone System	Approval of date for holding of annual meeting.	A-9951
Medora and Wood Municipal Telephone System	Approval of decreased charges	A-9952
Medora and Wood, Twp. of (operating Medora and Wood Municipal Telephone System)	Approval of certain alterations to telephone system and the borrowing of $2,800.00 upon debentures to meet the cost thereof	B 146
Mersea, Township of	Approval of purchase from the Bell Telephone Company of Canada of certain telephone plant and equipment	B 508
Monck Municipal Telephone System	Increased charges	B- 81
Mono Mills Telephone Company, Ltd.	Investment of $1,000.00 of Depreciation Fund in interest-bearing securities	B- 235
Northern Telephone Company, Ltd.	Authority to expend portion of Depreciation Reserve upon new construction, extensions and additions to system	A-9971
Northern Telephone Company, Ltd.	Approval of sale to of Kerns Municipal Telephone System	B- 226
North River Municipal Telephone System	Increased charges	B- 145
Pelee Island Municipal Telephone System	Authority to expend $200.00 of Depreciation Reserve upon interest-bearing securities	B 376

Percy Municipal Telephone System	Increased charges	B- 26
Perry, Maud A. and Hugh B. Perry	Approval of Agreement of Sale providing for transfer to by the Executors of the Estate of the late Fred A. Perry of certain telephone plant and equipment	A-9995
Perry, Maud A.	Approval of Agreement of Sale providing for the transfer by of certain telephone plant and equipment to Lucinda C. Perry and Josephine Ballantyne and Fred A. Perry	B- 16
Plummer Additional and Lefroy Municipal Telephone System	Approval of By-law No. 2	A-9925
Port Arthur, City of Public Utilities Commission	Approval of expenditure of $127,000.00 of its Depreciation Fund for the purchase and installation of an automatic telephone switchboard, dial telephones and such equipment as is necessary in connection therewith	A-9475
Rockwood and Oustic Telephone Co., Ltd.	Authority to invest $700.00 of Depreciation Reserve Funds in interest-bearing securities	B 336
Rural Telephone Co. of Kitley, Ltd.	Increased charges	B- 144
Scarboro Telephone Company, Ltd.	Approval of By-law No. 112	A-9966
Silcote Telephone Company, Ltd.	Approval of tolls	B- 315
Sioux Lookout Telephone Company, Limited.	Authority to invest $1,000.00 of Depreciation Funds in interest-bearing securities	B -166
South Leeds and Pittsburg Telephone Co. Ltd.	Authority to invest $3,500.00 of Depreciation Funds in interest-bearing securities	B 371
Southwold and Dunwich Telephone Ass'n. Ltd.	Approval of agreement for interchange of service with Wallacetown and Lakeshore Company, Ltd.	A-9968
Stevenson, Earl	Approval of agreement providing for the purchase by of Laurel Telephone System from Wilfred Thomas Smith	A-9958
Tay, Township of	See North River Municipal Telephone System	
Tenth Concession Alice and Fraser Telephone Ass'n. Ltd.	Approval of tolls	B- 594
Tuckersmith Municipal Telephone System	Approval of By-law No. 2	A-9932
Wallacetown and Lake-Shore Telephone Co. Ltd.	Approval of agreement for interchange of service with Southwold and Dunwich Telephone Association, Ltd.	A-9968
Welland County Telephone Co., Ltd.	Authority to expend portion of Depreciation Reserve upon new construction, extensions and additions to system	B- 345
West Williams Rural Telephone Ass'n. Ltd.	Approval of By-law No. 35	A-9929
West Williams Rural Telephone Ass'n.	Authority to invest $1,500.00 of Depreciation Funds in interest-bearing securities	B- 720
West Williams Rural Telephone Ass'n.	Authority to invest $600.00 of Depreciation Reserve in interest-bearing securities	B- 756
Woodbridge and Vaughan Telephone Co., Ltd.	Authority to revise rate to be set aside as reserve for depreciation	B- 36

LIST OF AGREEMENTS APPROVED BY THE BOARD UNDER SECTION 96 OF "THE TELEPHONE ACT" (R.S.O. 1937, Chapter 261))

(Agreements are with the Bell Telephone Company of Canada)

SERVICE STATION APPLICATIONS

Alice Telephone Company, Ltd.	B- 273-a
Indian River Telephone Association, Ltd	B- 306-a
Laurel Telephone System (Robert Earl Stevenson, Proprietor)	B- 11
North Renfrew Telephone Company, Ltd.	B- 306-b
Pembroke and Mud Lake Telephone Co. Ltd.	B- 273-b
Petawawa Rural Telephone Company, Ltd	B- 273-c
Rankin Telephone Company, Ltd. (M. L. Davis, Proprietor)	B- 306-c
Tenth Concession Alice and Fraser Telephone Co. Ltd	B- 273-c
Town Line Telephone Association of Stafford and Pembroke Ltd	B- 273-d

TRAFFIC AGREEMENTS

Lake Geneva Mining Company, Limited	B- 632
Lands and Forests (Department of)	A-9913
Laurel Telephone System (Robert Earl Stevenson, Proprietor)	B- 11
Martintown Telephones (Athol A. Edgar, Proprietor)	B- 80
Wollaston Rural Telephone System (Charles Howard Gunter, Proprietor)	A-9967

THE FOLLOWING GIVES A BRIEF SUMMARY OF THE EXTENSIONS AND IMPROVEMENTS MADE TO THE RAILWAYS UNDER PROVINCIAL JURISDICTION DURING THE YEAR 1941.

CORNWALL STREET RAILWAY LIGHT AND POWER COMPANY, LIMITED

This Company reports an extension of 5,468' to its track at a cost of $28,338.23 and also reports a total expenditure (inclusive of track extension) of $40,435.70 upon additions to railway, equipment, land and buildings and other additions to permanent property during the year 1941.

FORT WILLIAM ELECTRIC RAILWAY

During the year 1941 this system made no extensions to tracks except loop to Canadian Car and Foundry at a cost of $3,823.30.

They also report no expenditure upon track improvements, rolling stock, buildings, etc. during this period but purchased six motor buses at a total cost of $36,500.00.

HAMILTON STREET RAILWAY

This Company reports no extensions to track during the year 1941.

An expenditure of $71,941.00 is however reported upon additions to equipment representing the purchase of 10 motor buses.

HUNTSVILLE AND LAKE OF BAYS RAILWAY

During the year 1941, this company reports no extensions to its track or expenditure on improvements, etc., to track equipment, land and buildings.

INTERNATIONAL TRANSIT COMPANY

This company reports no extensions to track during the year 1941.

They report however, an expenditure of $160.05 upon a Power Drill.

KITCHENER-WATERLOO AND KITCHENER-BRIDGEPORT RAILWAYS

This company made no extensions to track during the year 1941.

They however, report an expenditure of $12,843.30 upon additions to plant and equipment during the same period.

MATTAGAMI RAILWAY

No extensions to track were reported during the year 1941.

An expenditure of $2,264.62 for 1 railway dump car and $179.02 for the purchase of an office safe is reported.

MOUNT McKAY AND KAKABEKA FALLS RAILWAY

This company reports no extensions to track or expenditure on equipment, etc., during the year 1941.

NIAGARA PENINSULAR RAILWAY

This company reports no extensions to track or expenditure on equipment etc., during the year 1941.

PORT ARTHUR CIVIC RAILWAY

No expenditure upon extensions to track or purchase of equipment etc. is reported during the year 1941.

SANDWICH, WINDSOR AND AMHERSTBURG RAILWAY

This Company reports no extensions to track during the year 1939.

During the year 1941 the Ontario Municipal Board approved of an expenditure of $75,900.00 for the purchase of 11 additional buses.

SUDBURY-COPPER CLIFF SUBURBAN ELECTRIC RAILWAY

This Company reports no extension of track or expenditures upon railway, equipment, land and buildings or other permanent property during the year 1941.

TEMISKAMING AND NORTHERN ONTARIO RAILWAY

This railway reports no extension of track during the year 1941.

They however, report an expenditure of $31,615.53 upon track improvements, overhead structure, rolling stock, buildings, machinery and other improvements during this period.

THURLOW RAILWAY

The Canada Cement Company, Montreal, report that during the year 1941 no extensions were made to the track of the above railways and no expenditures made on improvements, etc.

TILLSON SPUR LINE RAILWAY

This Company reports no extensions of track or expenditure upon improvements, etc., during the year 1941.

TORONTO TRANSPORTATION COMMISSION

The Commission report that during the year 1941 they made no track extensions.

It is also reported that during the same period they made an expenditure on improvements to equipment and property of $915,255.79.

NORTH YONGE RAILWAYS AND TOWNSHIP OF YORK AND WESTON RAILWAYS

The Toronto Transportation Commission, which operates these railways, reports that during the year 1941 no extensions were made to track and also report no expenditures on improvements to equipment, property, etc.

HAMILTON, 1941

Summary of Accidents on the Hamilton Street Railway
From January 1st to December 31st, 1941

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Collision with Autos	31	40	22	40	20	31	34	44	26	56	34	40	418
Collisions with Motorcycles and Bicycles	1	1	1	1	1	1	1	Nil	1	1	1	1	11
Collisions with Wagons	Nil	1	Nil	Nil	1	1	1	2	1	1	1	2	11
Boarding Cars	1	1	1	2	Nil	1	1	1	2	1	Nil	1	12
Alighting from Cars	1	Nil	1	2	1	2	2	2	2	Nil	1	2	16
Miscellaneous	1	1	1	1	2	1	1	3	4	2	1	1	18
Total	35	44	26	46	25	37	40	52	36	60	38	48	486
Personal Injuries:													
To Passengers	2	1	1	2	1	2	2	2	3	1	2	1	20
To Others	1	1	1	1	1	1	Nil	1	2	1	1	1	12
Total	3	2	2	3	2	3	2	3	5	2	3	2	32
Fatal Accidents:													
To Passengers	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
To Others	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Total	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

LONDON, 1941

Summary of Accidents on the London Street Railway
From January 1st to December 31st, 1941

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Collisions with Autos	34	30	19	18	20	14	17	12	18	21	22	15	240
Collisions with Motorcycles and Bicycles	1	1	1	1	2	1	1	1	Nil	1	1	1	12
Collisions with Wagons	1	3	2	1	1	3	2	1	1	Nil	Nil	1	16
Boarding Cars	1	1	1	2	2	3	1	1	2	1	2	2	19
Alighting from Cars	1	4	1	2	3	1	1	1	1	1	1	3	20
Miscellaneous	6	6	3	10	2	4	1	2	2	1	3	1	41
Total	44	45	27	34	30	26	23	18	24	25	29	23	348
Personal Injuries:													
To Passengers	4	7	3	5	3	4	1	2	2	1	3	4	39
To Others	2	3	1	1	3	3	2	3	1	1	1	5	26
Total	6	10	4	6	6	7	3	5	3	2	4	9	65
Fatal Accidents:													
To Passengers	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
To Others	1	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1
Total	1	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1

TORONTO, 1941

Summary of all Accidents on lines of the Toronto Transportation Commission
From January 1st to December 31st, 1941

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Collisions with Cars	1	3	4	1	1	2	2	4	1	4	1	6	30
Collisions with Autos	350	285	435	300	295	285	240	320	335	345	400	515	4105
Collisions with Motorcycles and Bicycles	3	8	3	12	12	12	13	6	10	5	6	7	97
Collisions with Wagons	5	9	3	7	5	4	3	1	2	3	2	1	45
Boarding Cars	16	15	13	12	10	15	8	12	12	16	15	11	155
Alighting from Cars	27	35	30	29	23	12	13	10	17	20	16	25	257
Falling within Cars	23	45	25	24	22	25	24	13	20	22	20	20	283
Miscellaneous	42	53	50	50	52	50	52	48	35	35	41	33	541
Total	467	453	563	435	420	405	355	414	432	450	501	618	5513
Personal Injuries:													
To Passengers	60	70	46	50	62	75	62	86	57	80	48	66	762
To Others	10	20	25	12	22	15	13	14	18	15	12	16	192
Total	70	90	71	62	84	90	75	100	75	95	60	82	954
Fatal Accidents:													
To Passengers	Nil	Nil	Nil	Nil	1	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1
To Others	Nil	3	2	3	1	1	2	2	Nil	2	Nil	3	19
Total	Nil	3	2	3	2	1	2	2	Nil	2	Nil	3	20

TABULATED SUMMARY OF ACCIDENTS REPORTED IN 1940

Passengers		Employees		Travellers on Highways		Total	
Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
1	974	Nil	29	21	270	22	1246

FORMS THAT MAY BE USED IN CONNECTION WITH THE EXAMINATION OF MOTORMEN

Name of City or Town

.... 19

NAME OF RAILWAY

This is to certify that, acting under "The Railway Act," (R.S.O., 1937, C. 269), Section 265, I have fully examined the.................................who is.......... years of age and.......................... feet .... inches high, weighs .... lbs., complexion ...., as to his fitness as a motorman, that the said .... is of steady habits, and is in physical ability, intelligence and general knowledge of, and experience in, this work, qualified to act as motorman on any electric car of said Company.

I have been duly appointed an examiner under the said Act, my appointment being dated ....

Name..

Examiner

FORM TO BE USED BY COMPANIES IN REPORTING ACCIDENTS

ACCIDENTS: Regulations under and in pursuance of Sections 281 and 282 of "The Railway Act, (R.S.O. 1937, C. 269)

ACCIDENTS—Every company upon the happening of an accident shall give to the Ontario Municipal Board notice thereof in writing by delivering the same at the office of the Board in the City of Toronto or by mailing it, postage prepaid, in a registered letter and addressed to the Board.

Such notice shall contain a statement signed by duly authorized officer of such company setting forth the information and particulars hereinafter mentioned.

Such statement shall be divided into paragraphs, each of which shall include and refer to one (or one group) only of the numbered particulars hereinafter mentioned, and the paragraph referring to each respective numbered particular shall bear the number corresponding to the number hereinafter given for each such particular.

The numbers of paragraphs and the particulars to which each shall refer as aforesaid are as follows:

1. Name or names of company or companies concerned in accident.
2. Numbers of train, engine, car or motor.
3. Date and time of accident.
4. Nature of accident.
5. Exact location.
6. Name in full, address and legal addition of each person injured or killed.
7. Age.
8. Married or single.
9. Passenger, employee or other.
10. If employee, length and nature of service with dates and periods of different occupations (if more than one).
11. If employee, character, experience, skill and fitness with respect to occupation at time of accident.
12. How engaged at time of accident and how long on duty.
13. Cause of accident, how same occurred, with full particulars and details, and diagram, if required.
14. Persons in charge, with full names, addresses and the particulars referred to in paragraphs 10, 11 and 12.
15. Result to person and particulars of injury.
16. Result to property, including amount of damage.
17. Names and addresses of all persons present at, or eye witnesses of, the accident.
18. What investigation (if any), and result of same.
19. Verdict (if any).

The Board reserves the right to require such further and other details, particulars, maps, plans, profiles, documents, models and information or illustration of any kind as to the nature of the accident and a full understanding thereof may suggest or require.

In pursuance of Sections 281 and 282 of said Act, the Board declares that all such information so given in pursuance of this regulation shall be privileged.

Signature of Officer.

N.B.—Give name of officer who fills out this report.

REGULATIONS

REGULATIONS AS TO HEIGHT OF CAR STEPS

Under and in pursuance of a certain order of the Board bearing date the 2nd day of June, A.D. 1909, the Ontario Railway and Municipal Board made the following regulations:

The steps on all cars hereafter constructed and used by The Toronto Railway Company and all other street and electric railways under the jurisdiction of this Board shall have steps conforming to the following regulations.

On closed single truck cars the height of the first step above the ground shall not be less than twelve nor more than fifteen inches.

On closed double truck cars the height of the first step above the ground shall not be less than fourteen nor more than sixteen inches.

On open single truck cars the height of the first step above the ground shall not be less than twelve nor more than fifteen inches, and the distance between the first and second steps and the second step and the floor of the car shall measure twelve inches and nine inches respectively.

On open double truck cars, the height of the first step above the ground shall not be less than fourteen nor more than sixteen inches, and the distance between the first and second steps and the second step and the floor of the car shall measure twelve inches and fourteen inches respectively.

REGULATION RE DRINKING WATER ON PASSENGER CARS

Every Electric Railway in Ontario, subject to the jurisdiction of the Board, shall provide in each passenger car which runs 20 miles or more, a suitable receptacle for water with paper cups attached upon or near such receptacle, and shall keep such receptacle, while the car is in use, constantly supplied with cool drinking water for the use of passengers and the conductor and motorman in charge of such car.

This regulation shall not apply to street railways in towns or cities.

Dated at Toronto, this 10th day of April, A.D. 1928

ELECTRIC AND STEAM RAILWAYS UNDER PROVINCIAL JURISDICTION, YEAR ENDING DECEMBER 31st, 1941

No	Name of Railway	Length of road first main track	Length of road second main track	Total main track	Length of sidings and turnouts	Total computed as single track	Length under construction	No. of Power Houses		Remarks
								Steam	Water	
1	Cornwall Street Railway Light & Power Co Ltd.	5.50	......	5.50	4.00	9.50	......	......	......	Power purchased from St. Lawrence Power Co. Ltd. and supplied to Town of Cornwall stone crusher.
2	Fort William Electric Railway	......	......	......	......	19.813	......	......	......	Power purchased from Hydro Electric Power Commission of Fort William.
3	Hamilton Street Railway	40.17	......	......	2.63	42.80	......	......	......	Power purchased from Hamilton Hydro Elec. Commission and also generated.
4	Huntsville & Lake of Bays Ry.	1.45	......	1.75	.31	1.75	......	......	......	Steam Railway.
5	International Transit Co.	3.80	1.17	4.97	.09	5.06	......	......	......	Power purchased from Great Lakes Power Co. Ltd.
6	Kitchener-Waterloo & Kitchener-Bridgeport Railways	3.96	2.86	6.82	.94	7.76	......	......	1	Power purchased from Public Utilities Commission, Kitchener.
7	Mattagami Railway	3.000	......	3.000	3.947	6.947	......	......	......	Steam Railway.
8	Mount McKay & Kakabeka Falls Railway	2.50	......	......	......	2.50	......	......	......	Leased to and operated by City of Fort William.
9	Niagara Peninsular Railway	3.325	......	3.325	2.115	5.440	......	......	......	Operated by Canada Cement Co. Ltd.
10	Port Arthur Civic Railway	13.43	6.10	19.53	1.04	20.57	......	......	......	Power purchased from Municipal Light and Power System.
11	Sandwich, Windsor & Amherstburg Railway	Use of tracks has been discontinued and operations now carried on with busses.								
12	Southern Algoma Railway	In process of organization.								
13	Sudbury-Copper Cliff Suburban Electric Railway	7.9	......	7.9	.30	8.2	......	......	......	Power purchased from Hydro Electric Power Commission of Ontario.

14	Temiskaming & Northern Ontario Railway	514.3	....	514.3	133.4	647.7	....	1	....	Power purchased from Public Utilities Commission of Town of Cochrane, Hydro Electric Power Commission of Ontario, Northern Ontario Power Co. Ltd., and Abitibi Power & Paper Co. Ltd.
15	Thurlow Railway	2.671	....	2.671	4.666	7.337	....	....	....	Operated by Canada Cement Co. Ltd.
16	Tillson Spur Line Railway	1.010	....	1.010	.051	1.061	....	....	....	All rolling stock owned and operated by Canadian National Railway.
17	Toronto Transportation Commission	110.877	101.982	212.859	28.560	241.419	....	....	....	Power purchased from Toronto Hydro Electric System and Hydro Electric Power Commission of Ontario.
18	" Twps. of York & Weston Railways	8.063	6.002	14.065	.148	14.213	....	....	....	Power purchased from Toronto Transportation Commission.
19	" North Yonge Railway	10.247	....	10.247	1.301	11.548	....	....	....	Power purchased from North York Hydro Electric Commission.

ANALYSIS OF GROSS EARNINGS AND MISCELLANEOUS INCOME FOR YEAR ENDING DECEMBER 31st, 1941

Name of Railway	From Passengers	From Mail	From Express Parcels and Newspapers	From Freight	From Rental of Tracks, Buildings, and Other Property	From Advertising	From other Miscellaneous sources	Total
Cornwall Street Railway Light and Power Co. Ltd.	$ 7,806.97			$ 90,658.36	$ 750.00	$ 522.96	$ 670.74	$ 164,409.03
Fort William Electric Railway	223,376.40	$ 830.07			81.50	764.82	1,059.81	226,112.60
Hamilton Street Railway	1,485,834.00			8,367.00	482.00	3,956.00	6,692.00	1,505,331.00
Huntsville & Lake of Bays Railway	793.40	50.00		639.67				1,483.07
International Transit Co.	50,255.07	333.33					334.82	50,923.22
Kitchener-Waterloo & Kitchener-Bridgeport Railway	103,652.31	2,066.04	13.55		1,871.40	1,595.27	4,992.04	104,190.61
London Street Railway	(a)							
Mattagami Railway	1,119.13	1,225.00	893.49	32,086.59			14,503.91	49,828.12
Mount McKay & Kakabeka Falls Ry.					1,200.00		3,611.13	4,811.13
Niagara Peninsular Railway				16,707.00				16,707.00
Port Arthur Civic Railway	208,888.51					752.46	243.04	209,879.01
Sandwich Windsor & Amherstburg Ry.	1,107,364.58	3,577.22	2,938.45		430.75	3,437.39	6.00	1,117,754.39
Southern Algoma Railway	Not yet operating.							
Sudbury-Copper Cliff Suburban Ry.	91,260.92		46.40		235.00	385.50	220.24	92,148.06
Thurlow Railway				23,310.00				23,310.00
Tillson Spur Line Railway	All rolling stock owned and operated by Canadian National Railway.							
Toronto Transportation Commission	13,878,505.86		27,878.55		95,675.78	63,175.07	106,599.34	14,171,834.60
" " " Tp. York & Weston Ry.	303,036.36					586.92	2,204.59	305,827.87
" " " N. Yonge Railways	95,209.68				1,279.16	267.26	452.00	97,208.10

(a)—Now operating busses only.

TABULATION OF CAR MILES RUN, PASSENGERS CARRIED, ACCIDENTS, ETC., FOR YEAR ENDING DECEMBER 31st, 1941

Name of Railway	Length of track owned miles	Length of switches & sidings miles	Passenger car miles run	Passengers carried	Passenger carried per mile of main track operated	Accidents		No. of Men Employed	Passenger Cars			Miscellaneous									
						Killed	Injured		Enclosed Cars	Open Cars	Trailers	Baggage and Mail	Cattle & Box	Platform	Coal & Dump	Tool	Snow Sweepers	Snow Plows	Loading Cranes	Locomotives	Busses and Trucks
Cornwall Street Railway	5.50	4.00	401,118	1,631,888	296,707	....	1	43	21	....	....	....	....	....	....	....	3	2	....	3	....
Fort William Electric Railway	19.813	....	794,101	364,571	163,249	....	14	80	17	....	4	....	....	....	....	....	1	2	....	....	....
Hamilton Street Railway	40.17	2.63	4,417,269	22,358,216	....	....	180	320	....	70	....	....	....	....	....	....	4	....	....	2	66
Huntsville & Lake of Bays Railway	1.438	.312	....	5,289	5,289	....	....	3	....	....	3	2	....	2	....	....	....	....	....	....	....
International Transit	1.97	.09	177,661	1,009,194	265,577	....	2	18	6	....	....	....	....	....	....	....	1	....	....	....	....
Kitchener Street Railway	6.82	.94	257,378	2,656,868	312,380	....	9	33	11	....	....	....	....	....	....	1	2	....	....	....	....
London Street Railway	(a)	....	....	....	....	....	....	....	Street Railway System discontinued Nov. 30th, 1940												
Mattagami Railway	3.000	3.947	32,496	7,461	2,487	....	....	10	1	....	....	1	....	1	1	....	....	1	....	....	....
Mount McKay & Kakabeka Falls Ry.	2.50	Line operated by City of Fort William under lease.																			
Niagara Peninsular Railway	3.325	2.115	....	....	....	....	....	4	....	....	....	....	....	1	61	....	....	....	....	2	....
Port Arthur Civic Railway	19.53	1.04	657,221	3,379,620	173,048	....	....	....	19	....	....	....	....	....	....	....	....	2	....	....	....
Sandwich, Windsor & Amherstburg Ry.	(a)	....	3,609,424	13,755,451	....	....	....	203	....	....	....	....	....	....	....	....	....	2	....	....	105
Southern Algoma Railway	Not yet operating.																				
Sudbury-Copper Cliff Suburban Ry.	7.9	.1600	117,945	1,310,499	163,813	....	....	22	8	....	....	....	....	....	....	....	....	1	....	....	....
Thurlow Railway	2.671	4.666	....	....	....	....	....	8	....	....	....	....	....	2	22	....	....	....	....	3	....
Tillson Spur Line Railway	1.010	.051	All rolling stock owned and operated by Canadian National Railway																		
Toronto Transportation Commission	212.859	28.560	32,478,729	200,419,215	....	22	454	3293	796	105	....	....	....	....	....	33	28	18	....	1	355
" " Twp. York & Weston Ry.	14.065	1.148	642,006	6,196,024	....	....	4	Railway operated by T.T.C. employees & rolling stock.													
" " North Yonge Railway	10.247	1.301	274,958	1,153,746	....	....	11	"	"	"	"	"	"	"	"	"	"	"	"		

(a) Operating busses only.

TABULATION OF COMPARISON WITH PREVIOUS YEARS AS TO CAR MILES RUN, PASSENGERS CARRIED, ETC.

For Year Ending December 31st, 1941

Name of Railway	Length of Track		Car Miles Run		Passengers Carried		Accidents				Net Earnings	
							Killed		Injured			
	In-crease	De-crease	In-crease	De-crease	Increase	Decrease	In-crease	De-crease	In-crease	De-crease	Increase	Decrease
Cornwall Street Railway	1.00		759		82,322				1		12,894.21	
Fort William Electric Railway		.683	101,575		1,122,171				11		57,107.72	
Hamilton Street Railway			410,820		4,080,727			1	1		57,872.80	
Huntsville & Lake of Bays Railway					842						88.83	
International Transit				37,658		91,917				1		b)9,276.36
Kitchener Street Railway				26.856	293.707				4			d)3.086.41
London Street Railway	(c)											
Mattagami Railway				390		643						13.747.81
Mount McKay & Kakabeka Falls Ry.	Line operated by City of Fort William under lease.										16,629.10	
Niagara Peninsular Railway											921.45	
Port Arthur Civic Railway			39,294		838.084						41,917.21	
Sandwich, Windsor & Amherstburg Ry.			486,237		3,415,550						a)42,523.05	
Southern Algoma Railway	Not yet in operation.											
Sudbury-Copper Cliff Suburban Ry.			19,945		208,460						9,626.11	
Thurlow Railway												
Tilson Spur Line Railway	All rolling stock owned and operated by Canadian National Railway.											
Toronto Transportation Commission		2.386	3,164,868		26,779,377		3		185		66.756.37	
" " " Tp. of York-Weston Ry.			38,208		1,188,334				2		30.558.20	
" " " N. Yonge Railways			19.571		185.190				11		14.009.71	

(a)—Decrease in deficit.

(b)—Increase in deficit.

(c)—Operates with busses only.

(d)—Increased amount set aside for reserve for roadway replacement and increased payment on debt principal.

TABULATION OF OPERATING COSTS FOR YEAR ENDING DECEMBER 31st, 1941

Name of Railway	General Expenses	Maintenance of Roadbed and Buildings	Maintenance of Equipment	Motive Power	Wages	Damages to Persons and Property	Miscellaneous	Total
Cornwall Street Railway	$ 14,051.83	$ 6,772.92	$ 18,428.83	$ 14,605.25	$ 34,271.82	$ 542.75	$ 1,322.39	$ 89,995.79
Fort William Electric Railway	16,002.69	23,346.77	21,969.60	28,377.16	65,394.21	517.62	3,045.14	158,653.19
Hamilton Street Railway	71,640.00	60,958.00	116,780.00	83,630.00	319,710.00	41,113.00	120,016.00	813,847.00
Huntsville & Lake of Bays Railway	163.75	194.55	176.38	230.52	297.59		17.13	1,079.92
International Transit	8,351.27	1,199.32	7,665.58	6,600.00	10,895.43		6,677.37	41,388.97
Kitchener Street Railway	15,944.33	7,319.05	11,546.21	9,092.16	36,430.68		3,775.72	84,138.15
London Street Railway	(a)							
Mattagami Railway	9,173.10	9,666.46	11,398.73		10,900.90		8,125.90	49,265.09
Mount McKay & Kakabeka Falls Ry	335.80	Line operated by City of Fort William under lease.						335.80
Niagara Peninsular Railway	88.34	6,467.42	4,179.73	2,988.40	4,981.82		1,173.01	19,878.72
Port Arthur Civic Railway	14,299.69	12,780.18	21,338.42	19,999.92	57,162.44		8,361.31	133,941.96
Sandwich Windsor & Amherstburg Ry.	101,989.44	74,079.63	282,626.68		315,091.97		3,025.11	786,903.83
Southern Algoma Railway	Not yet in operation.							
Sudbury-Copper Cliff Suburban Ry.	9,275.16	6,989.55	13,704.61	14,117.31	17,793.62		7,177.85	69,058.10
Thurlow Railway	88.33	2,391.25	1,641.88	3,876.00	3,761.17			11,758.63
Tillson Spur Line Railway	All rolling stock owned and operated by Canadian National Railway.							
Toronto Transportation Commission	675,367.25	522,975.60	842,990.54	1,076,199.07	2,882,289.60	252,168.49	1,663,507.67	7,915,498.22
" " " Tp. York-Weston Ry	14,858.55	23,692.79	17,123.51	19,163.09			111,459.95	186,297.89
" " " North Yonge Railways	8,356.78	11,119.99	8,237.65	14,499.63			36,540.75	78,754.80

(a)—Operates with busses only.

TABULATION OF CHARGES OTHER THAN OPERATING COSTS FOR YEAR ENDING DECEMBER 31st, 1911

Name of Railway	Interest on Funded Debt	Interest or Discount on Unfunded Debt	Taxes	Transfer to Special Accounts	All Charges Other than Operating Costs	Total Expenditure including Operating Costs	Total Expenditure excluding Operating Costs	Total Revenue from all Sources	Net Deficit from Year's Operation	Net Surplus from Year's Operation
Cornwall Street Railway	$ 9,100.00		$ 2,146.53	$ 25,528.53	$ 37,329.81	(a) $101,592.32	(a)$ 11,596.53	$ 161,409.03		$108,910.51
Fort William Electric Railway	23,407.50		1,610.04	10,380.78	35,298.32	(a) 181,627.73	(a) 25,974.54	226,112.60		32,161.09
Hamilton Street Railway			85,316.00	372,482.00	635,026.00	(a)1,077,806.00	(a) 263,959.00	1,506,746.00		57,873.00
Huntsville & Lake of Bays Railway			108.14		108.14	1,188.06	108.14	1,483.07		295.01
International Transit			6,957.35	13,666.66	(b) 46,124.00	(a) & (b) 73,846.32	(a) & (b) 32,457.35	69,537.01	17,975.97	
Kitchener Street Railway			2,040.37	303.34	29,469.10	(a) 86,481.86	(a) 2,343.71	114,190.61		583.36
London Street Railway	(d)									
Mattagami Railway			77.70	10,000.00	10,077.70	(a) 49,312.79	(a) 77.70	49,828.12	9,514.67	
Mount McKay & Kakabeka Falls Ry.			212.94	283.58	496.52	(a) 548.74	(a) 212.94	5,163.28		1,330.96
Niagara Peninsular Railway			33.39		33.39	19,912.11	33.39	23,310.00		3,397.89
Port Arthur Civic Railway	10,606.56		104.40	9,706.84	20,417.80	(a) 144,652.92	(a) 10,710.96	209,879.01		55,582.35
Sandwich, Windsor & Amherstburg Ry.	(c) 317,056.69		8,934.93	247,196.19	627,935.24	(a)1,167,642.88	(a) 380,739.05	1,117,754.39	297,081.68	
Southern Algoma Railway	Not yet in operation.									
Sudbury-Copper Cliff Suburban Ry.	1,515.63	2,235.63	701.44	11,350.30	15,803.00	72,809.36	4,152.70	92,148.06		7,988.40
Thurlow Railway			41.56		41.56	11,800.19	41.56	16,707.00		4,906.81
Tillson Spur Line Railway	All rolling stock owned and operated by Canadian National Railway									
Toronto Transportation Commission	1,029,818.33		330,987.32	4,867,685.72	6,286,042.76	(a)9,335,915.61	(a)1,416,356.95	14,368,491.12		162,889.66
" " Twp. York & Weston Ry.	46,169.02			20,997.19	67,166.21	(a) 140,288.87	(a) 46,169.02	305,827.87		52,363.77
" " North Yonge Railways			95.51		95.51	78,850.31	95.51	97,208.10		18,357.79

(a)—Does not include transfer to special accounts.

(b)—Includes dividends $25,500.00

(c)—Interest account (net)

(d)—Operates with busses only.

TABULATION OF ASSETS AND LIABILITIES AS OF DECEMBER 31st, 1941

Name of Railway	Authorized Capital Stock	ASSETS			LIABILITIES				
		Cost of Railway Equipment, Land and Buildings	Cash and other Assets	Deficit	Capital Stock outstanding	Funded Debt and Real Estate	Current Liabilities	Accrued Liabilities Sinking and other Special Funds	Surplus
Cornwall Street Railway	$ 200,000.00	$ 589,018.00	$ 49,279.30		$ 200,000.00	$ 130,000.00	$ 7,360.88	$ 177,631.02	$123,302.84
Fort William Electric Railway	...	438,000.00	416,177.59	27,995.99	...	438,000.00	29,809.75	414,363.83	...
Hamilton Street Railway	3,205,000.00	4,183,350.49	962,713.24		3,205,000.00	...	181,033.60	1,591,854.42	165,175.71
Huntsville & Lake of Bays Railway	27,800.00	31,331.20	120,89.92		27,800.00	...	2,021.18	13,098.75	501.19
International Transit	150,000.00	235,596.62	22,101.77		150,000.00	...	3,239.33	29,019.38	75,439.68
Kitchener-Waterloo and Kitchener-Bridgeport Railway	...	520,552.23	42,277.12	173.93	...	30,967.73	2,417.80	529,617.75	...
London Street Railway	(a)	...	...	...	...	...	...	...	...
Mattagami Railway	1,000,000.00	214,966.94	191,941.69	...	250,000.00	...	2,583.59	35,000.00	149,325.04
Mount McKay & Kakabeka Falls Ry.	386,000.00	63,778.04	6,787.71	328,742.02	399,045.27	...	...	262.50	...
Niagara Peninsular Railway	50,000.00	58,211.42	...	44,150.26	25,000 00	...	77,361.68	...	...
Port Arthur Civic Railway	...	270,906.40	367,521.89	...	...	228,100.00	20,521.43	347,303.27	42,503.70
Sandwich-Windsor & Amherstburg Ry.	...	750,619.76	7,306,608.33	...	...	6,816,205.00	976,785.69	250,684.89	13,552.51
Southern Algoma Railway	Not yet in operation.								
Sudbury-Copper Cliff Suburban Railway	250,000.00	359,660.80	3,885.63	52,697.93	173,100.00	57,118.46	8,569.66	177,156.24	...
Thurlow Railway	200,000.00	55,550.88	128,255.02	183,805.90	50,000.00	...	...	...	133,805.90
Tillson Spur Line Railway	20,000.00	All rolling stock owned and operated by Canadian National Railway.							
Toronto Transportation Commission	...	52,498,139.82	8,518,890.30	...	...	16,907,749.35	981,596.65	12,178,099.77	949,584.35
" " " Twp. York & Western Ry.	...	1,393,236.10	100,433.06	...	...	1,002,552.57	...	399,305.03	91,831.50
" " " North Yonge Ry.	...	107,519.10	5,738.28	...	...	...	94,929.59	...	18,357.79

(a)—Operates with busses only.

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RETURN FROM THE RECORDS

OF THE

BY-ELECTIONS

TO THE

LEGISLATIVE ASSEMBLY

IN THE ELECTORAL DISTRICTS OF

SIMCOE CENTRE, held on the 23rd day of October, 1940.

OTTAWA EAST, held on the 20th and 27th days of November, 1940.

GREY SOUTH, held on the 24th day of February, 1941.

SHOWING

(1) The number of Votes Polled for each Candidate in each Electoral District in which there was a contest:
(2) The majority whereby each successful Candidate was returned;
(3) The total number of Votes Polled;
(4) The number of Votes remaining Unpolled;
(5) The number of Names on the Polling Lists;
(6) The number of Ballot Papers sent out to each Polling Place;
(7) The Used Ballot Papers;
(8) The Unused Ballot Papers;
(9) The Rejected Ballot Papers;
(10) The Cancelled Ballot Papers;
(11) The Declined Ballot Papers; and
(12) The Ballot Papers taken from Polling Places;
(13) Total number of printed Ballots not distributed to D.R.O.'s.
(14) Total number of ballot papers printed.

PRINTED BY ORDER OF
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SESSIONAL PAPER No. 25, 1942

ONTARIO

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1942

To The Honourable

The Lieutenant-Governor of the Province of Ontario.

May It Please Your Honour.

The undersigned has the honour to present to Your Honour the Return of the By-Elections as held in the Electoral Districts of Simcoe Centre, Ottawa East and Grey South in the years 1940 and 1941.

Respectfully submitted,

GORDON D. CONANT,
Attorney-General.

Department of the Attorney-General,
February 5th, 1942.

THE HONOURABLE GORDON D. CONANT,

Attorney-General.

SIR:

I have the honour to present to you the Return of the By-Elections as held in the Electoral Districts of Simcoe Centre, Ottawa East and Grey South in the years 1940 and 1941.

Respectfully submitted,

C. F. BULMER,
Clerk of the Crown in Chancery.

Parliament Buildings,
Toronto, February 5th, 1942.

RETURN FROM THE RECORDS OF THE BY-ELECTIONS TO THE LEGISLATIVE ASSEMBLY IN THE ELECTORAL DISTRICTS OF:

SIMCOE CENTRE—Held on the 23rd day of October, 1940.
OTTAWA EAST—Held on the 20th and 27th days of November, 1940.
GREY SOUTH—Held on the 24th day of February, 1941.

Constituency	Seat Vacated by	Date
Simcoe Centre	Death of Member	August 18th, 1940
Ottawa East	Resignation of Member	September 27th, 1940
Grey South	Acceptance of Office of Minister of Public Works	January 23rd, 1941

RETURNING OFFICERS

Constituency	Name	Address
Simcoe Centre	Earl Richardson	Edenvale
Ottawa East	Joachim Sauve	Ottawa
Grey South	John A. McArthur	Markdale

STATEMENT OF VOTES POLLED

Number of Polling Booths and Number of Names on Voters' Lists

Constituency	No. of Polling Booths	No. of Votes Polled	No. of Names on Voters' Lists
Simcoe Centre	Acclamation	......	......
Ottawa East	188	11,149	34,757
Grey South	Acclamation	......	......

SUMMARY OF VOTES POLLED

Showing the number of votes cast for each Candidate and the majority accorded to the one elected where there was a contest

Constituency	Candidates	No. of Votes Polled	Remarks
Simcoe Centre	Duncan McArthur	......	Acclamation
Ottawa East	Robert Laurier	10,193	
	Alexandre Denommé	625	
	Aldege Scott	331	
	Majority for Laurier	9,568	
Grey South	Farquhar R. Oliver	......	Acclamation

C. F. BULMER,
Clerk of the Crown in Chancery.

Form 40

(*Section* 145 (1))

STATEMENT BY RETURNING OFFICER RESPECTING VOTES POLLED AND BALLOT PAPERS USED AT THE POLLING PLACES OF THE ELECTORAL DISTRICT OF OTTAWA EAST AT THE ELECTION HELD ON THE 27TH DAY OF NOVEMBER, 1940

Electoral District	Numbers of Polling Places	Names of Candidates and Number of Votes Polled for Each			Voters at each Polling Place			Ballot Papers sent out and how disposed of in each Polling Place						
		Denommé	Laurier	Scott	Total Number of Votes Polled.	Number of Votes remaining Unpolled.	Number of Names on the Polling Lists.	Number of Ballot Papers sent out to each Polling Place.	Used Ballot Papers.	Unused Ballot Papers.	Rejected Ballot Papers.	Cancelled Ballot Papers.	Declined Ballot Papers.	Ballot Papers taken from Polling Places.
Ottawa East....	Nos. 4 and 5	6	65	7	78	145	223	250	78	172	....	....	....	....
	No. 6	3	48	0	51	89	140	175	51	124	....	....	....	....
	No. 7, A to K	1	25	2	28	103	131	175	28	147	....	....	....	....
	No. 7, L to Z	4	11	1	16	133	149	200	16	184	....	....	....	....
	No. 8	4	71	1	76	149	225	250	76	174	....	....	....	....
	No. 9	7	67	2	76	157	233	275	76	199	....	....	....	....
	No. 10, A to K	1	37	2	40	135	175	176	40	136	....	....	....	....
	No. 10, L to Z	4	51	2	57	43	100	175	59	116	2	....	....	....
	No. 11, A to K	4	32	0	36	138	174	200	36	164	....	....	....	....
	No. 11, L to Z	0	52	0	52	133	185	225	54	171	2	....	....	....
	No. 12, A to L	6	55	0	61	102	163	200	65	135	4	....	....	....
	No. 12, M to Z	2	33	1	36	92	128	175	36	139	....	....	....	....
	No. 13	3	70	1	74	121	195	225	76	149	2	....	....	....
	No. 14, A to L	6	68	0	74	93	167	200	75	125	1	....	....	....
	No. 14, M to Z	4	41	0	45	64	109	150	46	104	1	....	....	....
	No. 15	6	62	3	71	124	195	225	71	154	....	....	....	....
	No. 16	5	30	1	36	158	194	225	36	189	....	....	....	....
	No. 17, A to J	2	42	3	47	144	191	175	47	128	....	....	....	....
	No. 17, K to Z	7	51	4	62	38	100	175	64	111	2	....	....	....
	No. 18, A to L	5	88	4	97	159	256	300	98	202	1	....	....	....
	No. 18, M to Z	4	66	4	74	141	215	250	74	176	....	....	....	....

Form 40

(*Section* 145 (1))

STATEMENT BY RETURNING OFFICER RESPECTING VOTES POLLED AND BALLOT PAPERS USED AT THE POLLING PLACES OF THE ELECTORAL DISTRICT OF OTTAWA EAST AT THE ELECTION HELD ON THE 27TH DAY OF NOVEMBER, 1940

Electoral District	Numbers of Polling Places	Names of Candidates and Number of Votes Polled for Each			Voters at each Polling Place			Ballot Papers sent out and how disposed of in each Polling Place					
		Denommé	Laurier	Scott	Total Number of Votes Polled.	Number of Votes remaining Unpolled.	Number of Names on the Polling Lists.	Number of Ballot Papers sent out to each Polling Place.	Used Ballot Papers.	Unused Ballot Papers.	Rejected Ballot Papers.	Cancelled Ballot Papers.	Declined Ballot Papers.	Ballot Papers taken from Polling Places.
Ottawa East—*Con.*	No. 22, A to L	3	71	0	74	46	120	200	75	125	1	....	....	....
	No. 22, M to Z	2	44	1	47	122	169	150	47	103	....	....	....	....
	No. 23, A to J	0	73	1	74	80	154	200	74	126	....	....	....	....
	No. 23, K to Z	4	49	4	57	107	164	200	57	143	....	....	....	....
	No. 24	8	108	4	120	135	255	301	121	180	1	....	....	....
	No. 172	6	61	4	71	180	251	300	77	223	6	....	....	....
	No. 173	6	41	6	53	99	152	200	53	147	....	....	....	....
	No. 174, A to L	4	37	4	45	83	128	200	45	155	....	....	....	....
	No. 174, M to Z	5	26	5	36	129	165	175	38	137	2	....	....	....
	No. 175	3	20	1	24	192	216	250	25	225	1	....	....	....
	No. 178, A to C	0	48	1	49	223	272	225	49	176	....	....	....	....
	No. 178, D to K	2	44	0	46	212	258	250	46	204	....	....	....	....
	No. 178, L to O	2	63	1	66	205	271	250	69	181	1	....	....	....
	No. 178, P to Z	0	39	0	39	183	222	250	48	202	9	....	....	....
Advance Poll	Room 308, Rideau St., Ottawa	0	2	0	2	......	......	50	2	48	0	....	....	....
	No. 194	0	9	0	9	108	117	149	9	140	....	....	....	....
	No. 195, A to K	1	45	2	48	96	144	225	49	176	1	....	....	....
	No. 195, L to Z	4	50	0	54	109	163	200	54	146	....	....	....	....
	No. 196, A to K	1	33	0	34	189	223	225	36	189	2	....	....	....
	No. 196, L to Z	5	70	0	75	146	221	275	75	200	....	....	....	....
	No. 197	3	35	0	38	56	94	125	38	87	....	....	....	....

No. 198, A to K	4	36	0	40	181	221	200	43	157	3	....	....
No. 198, L to Z	5	47	1	53	108	161	250	53	197	...	....	....
No. 199, A to K	1	48	0	49	209	258	275	49	226	....	....	....
No. 199, L to Z	5	44	1	50	156	206	275	50	225	....	....	....
No. 200, A to K	11	36	1	48	254	302	249	49	200	1	....	....
No. 200, L to Z	1	52	0	53	105	158	275	54	221	1	....	....
No. 201, A to J	0	47	1	48	173	221	250	48	202	....	....	....
No. 201, K to Z	1	48	2	51	161	212	250	51	199	....	....	....
No. 202, A to H	1	31	0	32	141	173	200	32	168	....	....	....
No. 202, I to Z	2	34	0	36	98	134	175	36	139	....	....	....
No. 203, A to F	1	73	0	74	184	258	275	75	200	1	....	....
No. 203, G to M	7	76	0	83	159	242	300	85	215	2	....	....
No. 203, N to Z	1	75	2	78	162	240	250	78	172	....	....	....
No. 204, A to K	1	64	0	65	137	202	251	65	186	....	....	....
No. 204, L to Z	0	65	5	70	207	277	275	71	204	1	....	....
No. 205, A to J	2	35	0	37	137	174	250	37	213	....	....	....
No. 205, K to Z	0	46	0	46	229	275	275	47	228	1	....	....
No. 206, A to K	2	31	9	42	148	190	225	44	181	2	....	....
No. 206, L to Z	5	40	2	47	139	186	225	47	178	....	....	....
No. 207, A to K	5	56	1	62	128	190	275	62	213	....	....	....
No. 207, L to Z	5	48	2	55	335	390	274	55	219	....	....	....
No. 208, A to L	0	35	0	35	145	180	200	35	165	....	....	....
No. 208, M to Z	0	22	1	23	114	137	200	23	177	....	....	....
No. 209, A to J	2	40	0	42	142	184	250	45	205	3	....	....
No. 209, K to Z	1	37	1	39	227	266	275	39	236	....	....	....
No. 210, A to K	4	55	1	60	152	212	250	60	190	....	....	....
No. 210, L to Z	6	94	0	100	124	224	325	100	225	....	....	....
No. 211, A to K	1	54	0	55	177	232	250	55	195	....	....	....
No. 211, L to Z	0	53	4	57	158	215	275	57	218	....	....	....
No. 212, A to K	1	34	4	39	51	90	200	39	161	....	....	....
No. 212, L to Z	1	60	0	61	159	220	175	61	114	....	....	....
No. 213, A to F	0	37	2	39	112	151	225	39	186	....	....	....
No. 213, G to M	1	20	0	21	138	159	250	21	229	....	....	....
No. 213, N to Z	0	38	0	38	158	196	250	38	212	....	....	....
No. 214, A to K	4	35	1	40	102	142	175	41	134	1	....	....
No. 214, L to Z	5	47	1	53	87	140	200	53	147	....	....	....
No. 215, A to J	2	48	2	52	134	186	225	52	173	....	....	....
No. 215, K to L	5	50	0	55	121	176	225	56	169	1	....	....
No. 216, A to L	4	47	0	51	171	222	250	52	198	1	....	....
No. 216, M to Z	1	43	0	44	155	199	250	45	205	1	....	....
No. 217, A to L	1	54	1	56	211	267	274	56	218	....	....	....
No. 217, M to Z	0	36	1	37	133	170	225	37	188	....	....	....
No. 218, A to L	7	31	2	40	133	173	300	40	260	....	....	....
No. 218, M to Z	0	22	1	23	207	230	175	23	152	....	....	....
No. 219, A to L	3	51	0	54	206	260	250	54	196	....	....	....

Form 40

(*Section* 145 (1))

STATEMENT BY RETURNING OFFICER RESPECTING VOTES POLLED AND BALLOT PAPERS USED AT THE POLLING PLACES OF THE ELECTORAL DISTRICT OF OTTAWA EAST AT THE ELECTION HELD ON THE 27TH DAY OF NOVEMBER, 1940

Electoral District	Numbers of Polling Places	Names of Candidates and Number of Votes Polled for Each			Voters at each Polling Place			Ballot Papers sent out and how disposed of in each Polling Place					
		Denommé	Laurier	Scott	Total Number of Votes Polled.	Number of Votes remaining Unpolled.	Number of Names on the Polling Lists.	Number of Ballot Papers sent out to each Polling Place.	Used Ballot Papers.	Unused Ballot Papers.	Rejected Ballot Papers.	Cancelled Ballot Papers.	Declined Ballot Papers.	Ballot Papers taken from Polling Places.
Ottawa East— *Con.*	No. 219, M. to Z	4	36	2	42	100	142	225	42	183				
	No. 220, A to K	3	30	1	34	112	146	200	34	166				
	No. 220, L to Z	4	29	1	34	145	179	200	36	164	2			
	No. 221, A to K	2	27	2	31	187	218	200	31	179				
	No. 221, L to Z	1	36	0	37	106	143	225	38	187	1			
	No. 222, A to H	1	38	3	42	196	238	275	43	232	1			
	No. 222, I to Z	1	35	1	37	170	207	249	38	211	1			
	No. 223	2	43	1	46	41	87	125	46	79				
	No. 224, A to L	1	75	1	77	96	173	175	77	98				
	No. 224, M to W	1	56	1	58	43	101	150	59	91	1			
	No. 225, A to K	2	64	2	68	199	267	300	69	231	1			
	No. 225, L to Z	3	75	4	82	176	258	300	82	218				
	No. 226, A to L	6	78	0	84	141	225	300	85	215	1			
	No. 226, M to W	1	42	0	43	87	130	225	43	182				
	No. 227, A to L	0	53	6	59	27	86	250	59	191				
	No. 227, M to W	2	29	0	31	212	243	150	31	119				
	No. 228, A to L	6	73	1	80	168	248	350	81	269	1			
	No. 228, M to Z	5	35	0	40	205	245	225	41	184	1			
	No. 229, A to J	6	48	1	55	123	178	200	56	144	1			
	No. 229, K to Z	4	44	1	49	84	133	200	49	151				
	No. 230	3	79	2	84	144	228	275	84	191				

No. 231, A to L	9	95	6	110	28	138	225	110	115	....	....	....	....
No. 231, M to Z	5	55	1	61	111	172	150	61	89	....	....	....	....
No. 232	4	80	5	89	127	216	250	90	160	1	....	....	....
No. 233, A to L	4	70	4	78	109	187	225	79	146	1	....	....	....
No. 233, M to Z	2	33	0	35	85	120	150	36	114	1	....	....	....
No. 234, A to L	2	59	4	65	70	135	225	67	158	2	....	....	....
No. 234, M to W	1	43	0	44	109	153	150	45	105	1	....	....	....
No. 235, A to L	0	80	0	80	42	122	225	82	143	2	....	....	....
No. 235, M to Z	3	39	0	42	127	169	150	43	107	1	....	....	....
No. 236, A to J	2	86	0	88	69	157	199	88	111	....	....	....	....
No. 236, L. to W	2	85	1	88	78	166	200	88	112	....	....	....	....
No. 237, A to H	3	66	1	70	81	151	200	71	129	1	....	....	....
No. 237, K to W	1	57	0	58	89	147	175	59	116	1	....	....	....
No. 238, A to L	8	87	2	97	84	181	250	98	152	1	....	....	....
No. 238, M to W	9	50	0	59	124	183	175	60	115	1	....	....	....
No. 239, A to L	10	81	2	93	101	194	275	93	182	....	....	....	....
No. 239, M to Z	7	37	1	45	139	184	175	45	130	....	....	....	....
No. 240, A to K	6	43	0	49	101	150	200	51	149	2	....	....	....
No. 240, L to Z	4	55	1	60	109	169	200	60	140	....	....	....	....
No. 241, A to H	6	68	3	77	114	191	200	77	123	....	....	....	....
No. 241, J to W	10	52	3	65	80	145	200	66	134	1	....	....	....
No. 242, A to L	2	63	4	69	81	150	225	70	155	1	....	....	....
No. 242, M to Z	2	41	3	46	120	166	175	46	129	....	....	....	....
No. 243, A to D	1	84	0	85	185	270	325	87	238	2	....	....	....
No. 243, E to L	1	79	4	84	325	409	274	84	190	....	....	....	....
No. 243, M to W	2	79	0	81	42	123	300	81	219	....	....	....	....
No. 244, A to L	2	80	2	84	97	181	225	85	140	1	....	....	....
No. 244, M to W	1	54	2	57	77	134	175	57	118	....	....	....	....
No. 245, A to K	8	58	1	67	19	86	200	68	132	1	....	....	....
No. 245, L to W	3	49	0	52	161	213	175	54	121	2	....	....	....
No. 246, A to L	0	60	0	60	135	195	250	61	189	1	....	....	....
No. 246, M to Z	2	47	1	50	125	175	200	53	147	3	....	....	....
No. 247, A to J	1	79	5	85	58	143	200	85	115	....	....	....	....
No. 247, L to W	5	79	3	87	126	213	225	87	138	....	....	....	....
No. 248, A to G	6	78	4	88	134	222	200	88	112	....	....	....	....
No. 248, H to W	0	85	0	85	23	108	199	85	114	....	....	....	....
No. 249, A to H	1	70	3	74	162	236	225	75	150	1	....	....	....
No. 249, J to W	0	60	1	61	71	132	200	62	138	1	....	....	....
No. 250	8	100	8	116	119	235	274	120	154	4	....	....	....
No. 251, A to L	1	104	10	115	111	226	250	115	135	....	....	....	....
No. 251, M to W	0	84	1	85	30	115	175	85	90	....	....	....	....
No. 252, A to F	8	104	1	113	326	439	250	115	135	2	....	....	....
No. 252, G to M	8	85	2	95	69	164	275	98	177	3	....	....	....
No. 252, N to W	2	71	0	73	23	96	200	74	126	1	....	....	....
No. 253, A to J	4	113	5	122	137	259	250	122	128	....	....	....	....

Form 40

(*Section* 145 (1))

STATEMENT BY RETURNING OFFICER RESPECTING VOTES POLLED AND BALLOT PAPERS USED AT THE POLLING PLACES OF THE ELECTORAL DISTRICT OF OTTAWA EAST AT THE ELECTION HELD ON THE 27TH DAY OF NOVEMBER, 1940

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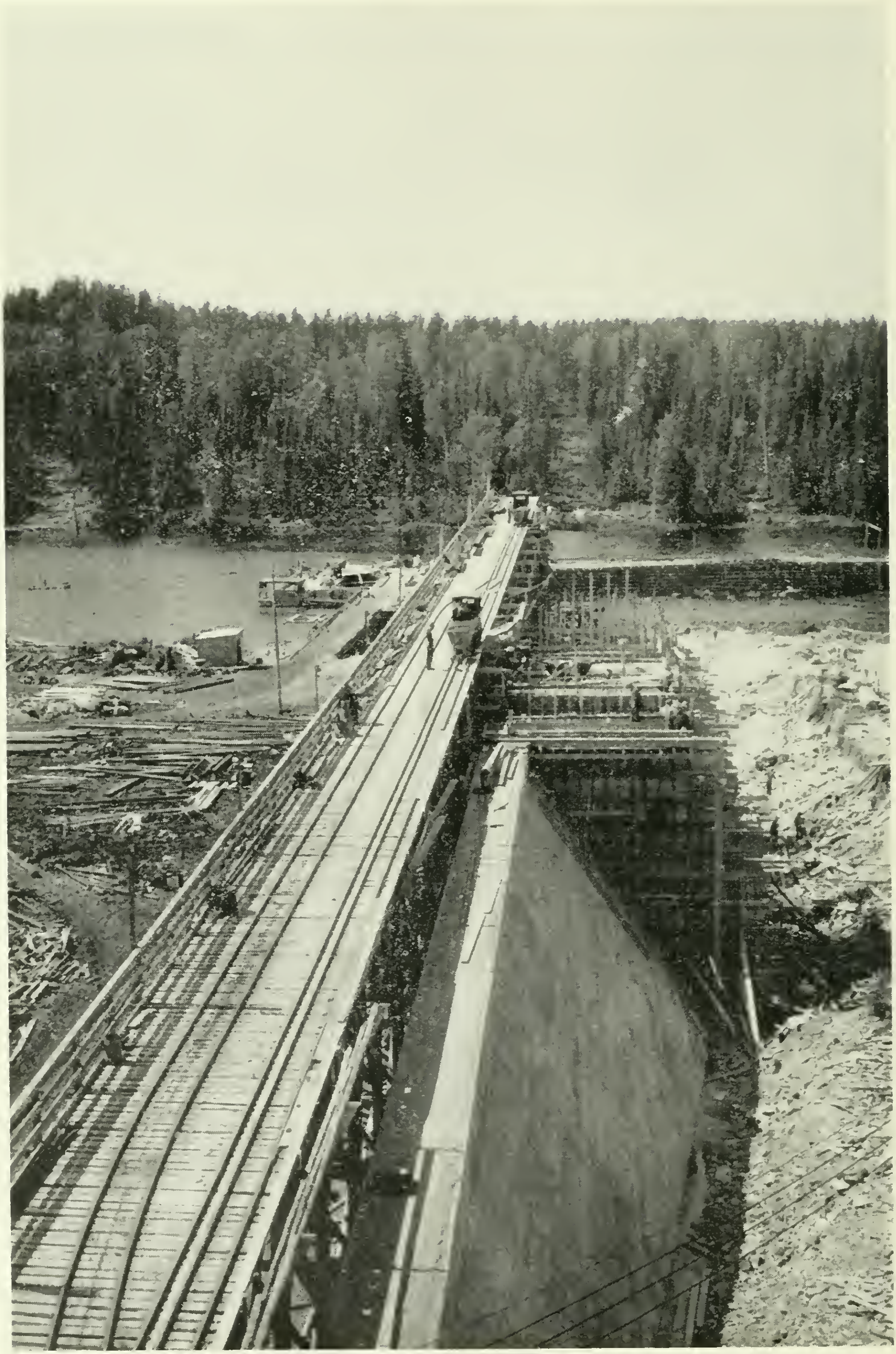
Ottawa East— *Con.*	No. 253, K to W	5	77	3	85	94	179	250	86	164	1	....	....	....
	No. 254, A to L	8	126	2	136	62	198	300	136	164	....	....	....	....
	No. 254, M to Y	0	63	3	66	147	213	200	66	134	....	....	....	....
	No. 255, A. to L	5	114	1	120	86	206	300	120	180	....	....	....	....
	No. 255, M to W	2	67	2	71	141	212	200	71	129	....	....	....	....
	No. 256	6	93	2	101	118	219	250	101	149	....	....	....	....
	No. 257, A to G	7	84	0	91	141	232	250	92	158	1	....	....	....
	No. 257, H to W	3	71	0	74	91	165	224	74	150	....	....	....	....
	No. 258, A to L	4	115	4	123	70	193	300	127	173	4	....	....	....
	No. 258, M to W	3	103	1	107	49	156	200	107	93	....	....	....	....
	No. 259, A to K	4	77	1	82	93	175	200	85	115	3	....	....	....
	No. 259, L to W	5	76	4	85	52	137	200	88	112	3	....	....	....
	No. 260, A to L	7	92	0	99	77	176	250	101	149	2	....	....	....
	No. 260, M to W	3	55	0	58	109	167	150	58	92	....	....	....	....
	No. 261, A to J	2	76	0	78	114	192	225	80	145	2	....	....	....
	No. 261, L to W	7	70	0	77	85	162	225	78	147	1	....	....	....
	No. 262	2	33	0	35	213	248	275	35	240	....	....	....	....
	No. 263, A to K	1	12	2	15	114	129	175	15	160	....	....	....	....
	No. 263, L to W	0	20	3	23	105	128	150	23	127	....	....	....	....
	No. 264, A to L	3	19	10	32	124	156	250	32	218	....	....	....	....
	No. 264, M to Y	5	22	4	31	134	165	150	31	119	....	....	....	....

No. 265, A to M	2	33	5	40	104	144	175	40	135	....	....	....	....
No. 265, N to W	3	33	2	38	98	136	175	38	137	....	....	....	....
No. 266, A to J	7	39	6	52	158	210	200	52	148	....	....	....	....
No. 266, K to W	2	20	3	25	86	111	200	27	173	2	....	....	....
No. 267, A to J	7	12	5	24	89	113	175	24	151	....	....	....	....
No. 267, K to W	2	30	3	35	105	140	150	35	115	....	....	....	....
No. 268	5	57	2	64	186	250	275	65	210	1	....	....	....
No. 269	20	80	3	103	145	248	275	104	171	1	....	....	....
No. 270, A to J	5	44	4	53	107	160	200	53	147	....	....	....	....
No. 270, L to W	8	47	4	59	102	161	200	59	141	....	....	....	....
No. 271, A to J	3	18	0	21	163	184	175	22	153	1	....	....	....
No. 271, K to Y	1	16	4	21	70	91	175	21	154	....	....	....	....
No. 272, A to J	2	28	2	32	149	181	200	32	168	....	....	....	....
No. 272, K to W	0	11	1	12	105	117	175	12	163	....	....	....	....
Majority for Laurier	625	10,193	331	11,149	23,608	34,757	41,618	11,279	30,339	130	....	....	....

Joachim Sauve, Returning Officer for the Electoral District of Ottawa East.

Total number of printed ballots not distributed to D.R.O.'s: 6,350. Total number of ballot paper printed: 47,968.



OGOKI RIVER DIVERSION PROJECT—NORTHERN ONTARIO

A beneficial diversion of water which will increase the power resources of Southern Ontario and Quebec and improve levels of the Great Lakes for the benefit of Canadian and United States navigation interests

THIRTY-FOURTH ANNUAL REPORT

OF

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

FOR THE YEAR ENDED OCTOBER 31st

1941

ONTARIO

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1942

THE HYDRO-ELECTRIC POWER COMMISSION
OF ONTARIO

T. H. Hogg, B.A.Sc., C.E., D.Eng. . . . . . . *Chairman and Chief Engineer*

Hon. Wm. L. Houck. B.Sc., M.L.A. *Vice-Chairman*

J. Albert Smith, M.L.A. . . . . *Commissioner*

Osborne Mitchell . . . . *Secretary*

CHAIRMAN'S LETTER OF TRANSMITTAL

To His Honour

THE HONOURABLE ALBERT MATTHEWS, L.L.D.,

Liieutenant-Governor of Ontario

MAY IT PLEASE YOUR HONOUR:

The undersigned respectfully presents the Thirty-Fourth Annual Report of The Hydro-Electric Power Commission of Ontario for the fiscal year which ended October 31, 1941.

The record of the Commission's work presented in this Annual Report relates to three principal fields—the co-operative municipal field, the field of rural supply, and the northern Ontario field. The first two cover the Commission's activities on behalf of the co-operative systems, and the last relates to its trusteeship of the Northern Ontario Properties on behalf of the Province. Throughout the various sections of the Report dealing broadly with physical operation of the plants, constructional activities and financial statements, these fields of activity are clearly differentiated.

The Report also presents for the calendar year 1941 financial statements and statistical data relating to the municipal electric utilities operating in conjunction with the several co-operative systems for the supply of electrical service throughout the Province.

War Activities

To serve ever-growing war loads the Commission has had to plan continuously to secure additional power supplies from many sources. Not only has it constructed new power developments, but it has advanced deliveries of power already contracted for, and entered into contracts for further supplies.

These new power supplies have necessitated the provision of additional transmission and distribution facilities, including many new large transformer stations. During the first year of the war the Commission spent more than $11,000,000 in new capital construction, and in the second year it spent about $17,000,000.

The Commission realizes that Hydro service in connection with the war must extend beyond the supply of power to war industries. It must ensure that Ontario's valuable electric power is not wasted, but utilized to the best advantage. It must therefore encourage munitions plants to use electric power freely and efficiently and in many new ways in order to speed the manufacture of war supplies.

After two years of war Hydro is supplying about one-half million horsepower, or approximately 25 per cent of its total output for direct war production. This war production load includes the loads of many industrial plants served by municipalities. There have been increases also in these smaller industrial loads, although many manufacturing plants that have changed to war work utilize to a large extent the same mechanical and electrical equipment. If they were working steadily before the change-over their power demand was not greatly increased, but due to longer working hours their energy consumption has risen sharply.

Operating Conditions

Operation of the Commission's generating stations, transformer stations and transmission lines was, in general, satisfactory throughout the year. On one occasion only was there serious interference to customers' service. This occurred on October 7, 1941, when a cyclone demolished four towers on the three, 220,000-volt lines carried over a single right-of-way from the Quebec boundary to Leaside transformer station. All three lines were taken out of service for a large portion of two days, limiting the supply of power from eastern sources to the capacity of a newly constructed line which escaped damage because it was situated on a separate right-of-way outside of the storm area. The new line, which had only recently been placed in service, fully demonstrated its value at this time; being able to carry very heavy overload to relieve shortages in power supply to the Niagara system caused by the loss of other eastern line capacity.

At the commencement of the year, water conditions were above normal and continued so through the winter to the spring run-off when all reservoirs were filled to near storage limits. Low precipitation during the run-off period followed by subnormal precipitation into the late summer was a matter of grave concern to the Commission in meeting the power demand in some districts. Heavy rains restored stream flows in September and at the close of the year water conditions in practically all storage basins were above average. No special ice difficulties were encountered at any generating station during the winter of 1940-41.

Load Conditions

The year was marked by further large increases in load for war industries and by increased demands for commercial, domestic and rural service which greater war activities have stimulated. Due to changing conditions respecting daylight-saving time, the utilization of the maximum amount of power for primary purposes and other factors, comparisons between the past and previous years are somewhat affected. As an indication of load growth trend, comparisons of primary load are more satisfactory.

During the first seven months of the fiscal year—November 1940 to May 1941—when the comparison was affected by the continuation of daylight-saving time in many municipalities, the average increase in monthly peak load was 6.5 per cent, but during the five months from June to October 1941 when conditions respecting daylight-saving were similar, the average increase over the previous year was 15 per cent, or approximately 250,000 horsepower.

In October 1941 the primary load of all systems combined was 2,096,717 horsepower, and for the first time exceeded two million horsepower.

The 250,000 horsepower average increase in load represents substantial growth in load in all areas served. A large portion of this increase was due to wartime production in the electro-metallurgical and electro-chemical industries of the Niagara district. The total consumption of energy in all systems for primary purposes was 8,905,000,000 kilowatt-hours, nearly 14 per cent in excess of the corresponding consumption of energy in the previous year. The previous year the increase in energy consumption was 19 per cent.

In addition to meeting all primary demands, the Commission utilized its reserve capacity to the greatest possible extent, producing 1,561,000,000 kilowatt-hours for secondary power purposes during the year. The greater portion of this was employed in war materials production. The total output during the year ending October 31, 1941, from all sources amounted to 10,466,241,618 kilowatt-hours. This was the largest output on record and exceeded that of the previous year by 8.1 per cent. The peak load, including primary and secondary power, occurred in October 1941 and was 2,312,219 horsepower, or 18.3 per cent greater than the October 1940 peak.

The accompanying tabulations show for the months of October and December 1940 and 1941 the primary peak loads of the co-operative systems and of the several districts of the Northern Ontario Properties. They also give similar data for the total primary and secondary loads.

New Power Supplies

To meet the rapidly growing power demands for expanding war production, additional supplies of power have been secured by purchase under the Quebec contracts and by the construction of new developments. When the war commenced in 1939 the excess capacity of the three southern systems —Niagara, Georgian Bay and Eastern Ontario—amounted to about 170,000 horsepower, and there was scheduled for future delivery under the Quebec contracts an additional 140,000 horsepower, or a total of 310,000 horsepower available for future growth. All but 50,000 horsepower of this power was taken before October 31, 1941, much of it in advance of schedule. The remaining 50,000 horsepower will be taken as soon as it becomes available. Arrangements were also made in 1941 to purchase an additional 82,500 horsepower from Maclaren-Quebec Power Company; 57,500 horsepower of which is for the duration of the war.

On the Niagara river additional water diversion of 14,000 cubic feet per second on the Canadian side was obtained by negotiations with the United States Government; 5,000 cubic feet per second of this additional waterflow is in consideration of the additional water to be added to the Great Lakes by the Ogoki and Long Lake diversions. This additional diversion has made available for munitions production in the Niagara system about 2,400,000 kilowatt-hours per day.

DISTRIBUTION OF PRIMARY POWER TO SYSTEMS

20-Minute Peak Horsepower—System Coincident Primary peaks

System	1940	1941
	October	
Niagara system (including Dominion Power and Transmission division—66 2/3 cycle)	1,287,936	1,536,997
Georgian Bay system	42,217	47,273
Eastern Ontario system	154,207	180,650
Thunder Bay system	97,855	104,859
Manitoulin rural power district	330	504
Northern Ontario Properties:		
Nipissing district	5,121	5,791
Sudbury district	17,208	19,597
Abitibi district	164,879	185,255
Patricia district	14,209	15,791
Total	1,783,962	2,096,717
	December	
Niagara system (including Dominion Power and Transmission division—66 2/3 cycle)	1,367,828	1,660,991
Georgian Bay system	47,118	50,582
Eastern Ontario system	153,164	181,961
Thunder Bay system	91,488	108,633
Manitoulin rural power district	386	550
Northern Ontario Properties:		
Nipissing district	5,147	5,817
Sudbury district	19,249	21,692
Abitibi district	165,281	158,445
Patricia district	14,826	13,941
Total	1,864,487	2,202,612

St. Lawrence River Project

Since last year's Report was tabled, there have been important developments relative to the St. Lawrence project. On March 19, 1941, agreements between Canada and the United States and between Canada and Ontario providing for the development of navigation and power in the Great Lakes-St. Lawrence basin were signed.

Before becoming effective, these agreements require legislative approval and their submission for approval by the Dominion parliament and Ontario legislature has been waiting upon action by the United States Congress. This has been expected from month to month, but as yet has not been forthcoming.

Delay in reaching a decision upon this important project has had unfortunate consequences entirely aside from its effect upon the earliest

DISTRIBUTION OF POWER TO SYSTEMS—PRIMARY AND SECONDARY

20-Minute Peak Horsepower—System Coincident Primary Peaks

System	1940	1941
	October	
Niagara system (including Dominion Power and Transmission division—66 2/3 cycle)	1,425,469	1,682,975
Georgian Bay system	42,217	47,407
Eastern Ontario system	154,207	180,650
Thunder Bay system	97,855	128,539
Manitoulin rural power district	330	504
Northern Ontario Properties:		
Nipissing district	5,121	5,791
Sudbury district	17,208	19,597
Abitibi district	197,453	230,965
Patricia district	14,209	15,791
Total	1,954,069	2,312,219
	December	
Niagara system including Dominion Power and Transmission division—66 2/3 cycle)	1,579,088	1,665,282
Georgian Bay system	47,118	50,582
Eastern Ontario system	153,164	181,961
Thunder Bay system	92,641	134,531
Manitoulin rural power district	386	550
Northern Ontario Properties:		
Nipissing district	5,147	5,817
Sudbury district	19,249	21,692
Abititi district	208,981	224,129
Patricia district	14,826	13,941
Total	2,120,600	2,298,485

possible completion date. The uncertainty, attendant upon these delays, as to whether or not the St. Lawrence project would soon be launched has heretofore had a restraining influence upon major power development elsewhere in Ontario by the Commission. Having in mind the Commission's commitment of nearly ninety million dollars under the St. Lawrence agreement and the three-year rush construction schedule for the St. Lawrence, the undertaking of a major development on the Ottawa in addition to the St. Lawrence presented rather grave problems. These problems have received the Commission's constant attention and are now pressing for a decision.

Additions to Generating, Transmission and Distribution Equipment

The year 1941 was one of great activity in connection with the construction of new power and storage developments and other works for the augmentation of the Commission's power supplies and for their transformation, transmission and distribution. These increased facilities were required almost entirely in connection with the war effort of Ontario.

It will be recalled that in 1940, unit number 3 was added to the Ear Falls development in the Patricia district, and work was commenced on the Big Eddy development to serve the Georgian Bay system. The Big Eddy development now completed is situated on the Muskoka river. The plant contains two hydro-electric units of 4,950 horsepower each, under a head of 36 feet. The first unit was placed on commercial load on October 11, and the second on November 1, 1941. It is now generating its full rated output at high load factor.

Shortly after the commencement of the Big Eddy development, work was begun on the construction of the Barrett Chute development on the Madawaska river to augment the power supply for the Eastern Ontario system. This development will have a rated capacity of 54,000 electrical horsepower. At the end of 1941 the main dam was almost completed, excavation for the power canal was well advanced and work was proceeding on the headworks, penstocks and power houses. It is anticipated that the plant will be in service in July of 1942.

Closely related to the Barrett Chute development is a storage reservoir being built at Bark lake, some 65 miles upstream on the Madawaska river. The Bark Lake dam will create a reservoir impounding 300,000 acre-feet of water.

In the northwest of the Province, north of lake Nipigon, good progress has been made on the construction of the Ogoki river diversion. Waters diverted southerly from the Kenogami river, another tributary of the Albany, by means of the Long Lake diversion project, have been flowing into lake Superior throughout the year.

Another important power project commenced during the year is that at DeCew Falls, where a new 25-cycle generating plant is being built. The initial capacity of this plant will be 65,000 horsepower.

Projects of lesser magnitude undertaken during the year include storage dams on the Sturgeon river, and the maintenance and improvement of existing equipment in many places.

The most important construction work completed during the past year was the new transmission line extending from Beaudet on the Quebec-Ontario boundary, via Toronto, to Burlington. The line from Beaudet to Toronto, 275 miles, is a single-circuit transmission line on steel towers; the conductor being aluminum cable, steel-reinforced. The other portion of the line extending from Leaside Junction to Burlington transformer station is a double-circuit line on steel towers. Due to the demand for aluminum for aeroplane construction, the Commission adopted for this portion of the line, hollow copper conductors of special design.

At Burlington a transformer station was constructed and two 75,000-kv-a, 220,000/110,000-volt transformer banks were installed, together with regulating transformers and the necessary switching equipment. The third 75,000-kv-a bank of transformers has been purchased for installation in 1942.

In the areas north and east of Toronto, where great increases in population have taken place during recent years, several new 26,400-volt distributing stations were built, and on others the voltage was raised from 13,200 to 26,400 volts.

In the southeast district of downtown Toronto a new transformer station, known as the Toronto-Esplanade, is being built with two 25,000-kv-a transformers.

In the Niagara, Eastern Ontario and Georgian Bay systems, and in the districts of Northern Ontario, much additional equipment and many extensions to distribution lines were required to serve additional loads, mostly for war work, including increased mining activities, air training schools and ammunition factories.

The total mileage of transmission circuits constructed in the year comprises 365 miles of 220,000-volt lines; 30 miles of 110,000-volt lines, 120 miles of 13,000- to 44,000-volt lines and 850 miles of rural primary circuits, including certain rural extensions approved but not completed in the previous year.

Rural Electrical Service

The mileage of rural line extensions approved for construction in rural power districts in the fiscal year was 631. In all, 8,502 consumers were added. The average monthly load supplied to all rural Hydro consumers, including war industries in rural areas amounted to 81,317 horsepower, an increase of 16.2 per cent over 1940.

Before the war, and for nearly two years after the war started, the Commission provided rural electrical service to farmers on the basis of a minimum of two farm contracts per mile of line. Hydro, in fact, continued its peacetime programme of extending rural electrical service to Ontario farmers. But towards the end of the second year of the war, equipment needing aluminum, copper and steel were becoming difficult to obtain and the priority regulations of the Dominion Government were put into effect to control extensions to rural lines which involved a disproportionate amount of materials for any service given.

It is a matter for congratulation that the Commission's programme of extension in rural power districts had made such splendid progress prior to the war. Since 1936 extensions to rural electrical service have been phenomenal, and the aggregate peak load in rural power districts has more than doubled. So successful indeed has this programme of extension been that the Commission estimates that more than 80 per cent of rural citizens living within economic transmission distance of Hydro sources of supply are now being served with electricity, or have Hydro lines adjacent to their property. At the end of 1941 more than 20,000 miles of rural primary lines had been constructed to serve no less than 131,000 rural consumers. The actual expenditure on these lines and equipment is $39,000,000, towards which the Province by grant-in-aid has contributed $19,500,000.

Research

The Research staff of the Commission was actively engaged in solving important problems having a direct bearing upon the war effort, but its chief work has of course been concerned with the efficient production, distribution and utilization of power so that all equipment of the Commission will render the maximum possible service.

Several members of the Laboratory staff have been released to the Government for special war research work. Their training in the Commission's Laboratories has well fitted them for this service.

Efficient Utilization of Hydro Service

The necessity of conserving raw materials, as well as power for Canada's war activities, has made it undesirable to promote the sale and manufacture of electrical equipment for ordinary peacetime uses. The staff of the Commission formerly engaged on this work has, however, been giving valuable aid to industry in the Province. During the year it rendered service to more than one hundred industrial plants by making plant surveys and recommendations designed to obtain maximum industrial output with the most efficient use of electrical energy. The production of essential war materials was speeded up by promoting the use of new tools, particularly in the electric heating category.

Recognizing that good lighting was essential to maximum production, the lighting requirements in industrial plants were given special study, and lighting reports were made respecting about 70 plants.

During the latter part of the year on the request of the Dominion Government, associations of allied industries not engaged on direct war work, were formed to produce war materials under the "Bits and Pieces Programme". As a member of the Public Utilities Wartime Workshop Board formed to carry out this work, the Commission is now producing under sub-contract from munition industries various pieces and parts for war equipment.

CAPITAL INVESTMENT

The total capital investment of The Hydro-Electric Power Commission of Ontario in power undertakings is $342,929,888.84 exclusive of government grants in respect of construction of rural power districts' lines ($18,849,420.20); and the investment of the municipalities in distributing systems and other assets is $124,304,866.00, making in power undertakings a total investment of $467,234,754.84.

The following statement shows the capital invested in the respective systems, districts and municipal undertakings, etc.:

Niagara system (including Hamilton street railway)	$233,566,610.71
Georgian Bay system	13,838,543.06
Eastern Ontario system	27,809,082.30
Thunder Bay system	20,060,306.89
Office and service buildings	3,580,051.96
Construction plant and inventories	4,033,426.46
Total capital investments in co-operative systems	$302,888,021.38
Northern Ontario Properties—Operated by H-E.P.C. on behalf of the Province of Ontario	39,840,658.59
Northern Ontario Properties—Construction plant and inventories	201,208.87
Total Commission capital investments	$342,929,888.84
Municipalities' distribution systems	101,088,593.29
Other assets of municipal Hydro utilities	23,216,272.71
Total	$467,234,754.84

RESERVES OF COMMISSION AND MUNICIPAL ELECTRICAL UTILITIES

The total reserves of the Commission and the municipal electric utilities for depreciation, contingencies, stabilization of rates, sinking fund and insurance purposes, amount to $259,038,971.21, made up as follows:

Niagara system (including Hamilton street railway)	$108,861,520.57
Georgian Bay system	6,402,992.62
Eastern Ontario system	12,782,405.10
Thunder Bay system	8,892,460.97
Office and service buildings and equipment	1,256,723.86
Total reserves in respect of co-operative systems' properties	$138,196,103.12
Northern Ontario Properties	11,893,525.06
Fire insurance reserve	98,368.72
Miscellaneous reserves	430,720.36
Employers' liability insurance, and staff pension reserves	8,298,825.91
Total reserves of the Commission	$158,917,543.17
Total reserves and surplus of municipal electric utilities	100,121,428.04
Total Commission and municipal reserves	$259,038,971.21

Financial Operating Results for 1941

Expansion in use of power by industries producing war material caused accelerated growth of the Commission's revenues in 1941. Power sold direct to large industries aggregated $12,600,000 on the Niagara and other co-operative systems, as compared with $8,900,000 in 1940. Revenue from power supplied to municipalities and rural power districts, at interim rates substantially unchanged from those of 1940, increased some $2,500,000. In the early months of the year, extended daylight-saving time acted to limit increases in maximum demands for power and in the Commission's revenue from municipalities.

For all classes of service combined, the increase in revenue was nearly $6,200,000 or about 16.5 per cent for the four systems operated on behalf of municipalities. The increase in expense for power purchased, for operation, maintenance and administration and for interest was less than 4 per cent. This made it possible for the Commission to set aside an increased provision for reserves, particularly for the contingencies reserves. This action gives practical expression to the policy announced early in the war, of anticipating and as far as possible eliminating drastic changes in the interim rates for power during any period of post-war readjustment. At the same time it facilitates financing essential wartime construction.

The Northern Ontario Properties yielded an increase in revenue over 1940 figures of more than $260,000. As the increase in expense for operating items and interest charges was only some $65,000; there is an increased balance available for reserves.

REVENUE OF COMMISSION

The revenue of the Commission at interim rates from the municipal utilities operating under cost contracts, from customers in rural power districts and from other customers with whom—on behalf of the municipalities—the Commission has special contracts, all within the Niagara, Georgian Bay, Eastern Ontario and Thunder Bay systems, aggregated $43,596,090.39. The revenue of the Commission from customers served by the Northern Ontario Properties, which are held and operated in trust for the Province, was $5,330,992.42, making a total of $48,927,082.81.

Summarized operating results of these co-operative systems and rural power districts and of the Northern Ontario Properties, follow:

SUMMARIZED OPERATING RESULTS

OF THE

NIAGARA, GEORGIAN BAY, EASTERN ONTARIO AND THUNDER BAY SYSTEMS

Revenue; amount received from or billed against municipalities and other customers		$38,529,886.13	
Revenue from customers in rural power districts		5,066,204.26	
Total revenue, systems and rural			$43,596,090.39
Operation, maintenance, administration, interest and other current expenses		$28,866,651.89	
Provision for reserves—			
Renewals	$2,409,572.33		
Contingencies and obsolescence	6,109,584.66		
Stablization of rates	2,601,346.37		
Sinking fund	2,925,745.81		
		14,046,249.17	
			$42,912,901.06
Balance			$ 683,189.33

SUMMARIZED OPERATING RESULTS

OF THE

NORTHERN ONTARIO PROPERTIES

Held and operated by The Hydro-Electric Power Commission of Ontario
In trust for the Province of Ontario

Revenue; amount received from or billed against municipalities and other customers			$ 5,330,992.42
Operation, maintenance, administration, interest and other current expenses		$ 2,490,853.03	
Provision for reserves—			
Renewals	$ 331,141.48		
Contingencies and obsolescence	345,498.96		
Sinking fund	1,113,782.83		
		$ 1,790,423.27	
			4,281,276.30
Balance			$ 1,049,716.12

COMPARATIVE FINANCIAL STATEMENTS RESPECTING THE SYSTEMS OF THE COMMISSION

NIAGARA SYSTEM

	1940	1941
	$ c.	$ c.
Operating Expenses and Fixed Charges		
Power purchased	7,269,376.95	7,780,692.51
Operation, maintenance and administration	4,882,833.80	5,130,939.35
Interest	10,021,929.94	10,136,550.91
Provision for renewals	1,653,010.50	1,743,493.19
Provision for contingencies and obsolescence	*2,083,787.63	5,303,314.71
Provision for stabilization of rates	*1,055,553.12	1,835,247.20
Sinking fund	2,264,519.95	2,335,878.57
TOTAL COST OF POWER	29,231,011.89	34,266,116.44
REVENUE from municipalities at interim rates, from rural consumers and from private customers under flat rate contracts	29,567,161.27	34,813,827.49
Net balance credited or (charged) to municipalities under cost contracts	336,149.38	547,711.05

GEORGIAN BAY SYSTEM

	1940	1941
	$ c.	$ c.
Operating Expenses and Fixed Charges		
Power purchased	88,521.60	151,543.77
Operation, maintenance and administration	537,410.54	573,612.85
Interest	559,780.21	543,010.44
Provision for renewals	164,305.95	177,086.98
Provision for contingencies and obsolescence	* 65,359.60	222,236.76
Provision for stabilization of rates	* 138,700.40	150,864.80
Sinking fund	123,695.87	131,321.22
TOTAL COST OF POWER	1,677,774.17	1,949,676.82
REVENUE from municipalities at interim rates, from rural consumers and from private customers under flat rate contracts	1,660,138.13	1,964,178.19
Net balance credited or (charged) to municipalities under cost contracts	(17,636.04)	14,501.37

COMPARATIVE FINANCIAL STATEMENTS RESPECTING THE SYSTEMS OF THE COMMISSION

EASTERN ONTARIO SYSTEM

	1940	1941
Operating Expenses and Fixed Charges		
Power purchased	1,032,632.56	1,113,892.68
Operation, maintenance and administration	955,611.54	1,046,413.90
Interest	1,099,651.01	1,083,655.65
Provision for renewals	294,695.11	324,269.78
Provision for contingencies and obsolescence	* 82,081.93	349,889.12
Provision for stabilization of rates	* 392,745.60	435,180.40
Sinking fund	243,842.36	260,226.79
TOTAL COST OF POWER	4,101,260.11	4,613,528.32
REVENUE from municipalities at interim rates, from rural consumers and from private customers under flat rate contracts	4,180,236.52	4,711,338.41
Net balance credited to municipalities under cost contracts	78,976.41	97,810.09

*After reclassification on 1941 bases—See Reserves statements.

THUNDER BAY SYSTEM

	1940	1941
	$ c.	$ c.
Operating Expenses and Fixed Charges		
Operation, maintenance and administration	344,796.85	335,698.19
Interest	969,338.85	970,641.64
Provision for renewals	163,818.74	164,722.38
Provision for contingencies and obsolescence	184,273.86	234,144.07
Provision for stabilization of rates	125,222.68	180,053.97
Sinking fund	197,876.99	198,319.23
TOTAL COST OF POWER	1,985,327.97	2,083,579.48
REVENUE from municipalities at interim rates, from rural consumers and from private customers under flat rate contracts	1,991,999.98	2,106,746.30
Net balance credited or (charged) to municipalities under cost contracts	6,672.01	23,166.82

Municipal Electric Utilities

The following is a summary of the year's operation of the local electric utilities conducted by municipalities receiving power under cost contracts with the Commission:

Total revenue collected by the municipal electric utilities		$40,323,274.25
Cost of power	$25,609,038.01	
Operation, maintenance and administration	6,193,892.80	
Interest	1,013,146.09	
Sinking fund and principal payments on debentures	2,231,184.36	
Depreciation and other reserves	2,880,046.92	
Total		37,927,308.18
Surplus		$ 2,395,966.07

With regard to the local Hydro utilities operating under cost contracts, the following statements summarize for each of the four co-operative systems administered by the Commission, the financial status and the year's operations as detailed in Section X of the Report.

Niagara System

The total plant assets of the Niagara system utilities amount to $83,915,039.76. The total assets, including an equity in the H-E.P.C. of $45,610,003.56, aggregate $147,890,783.95. The reserves and surplus accumulated in connection with the local utilities, exclusive of the equity in the H-E.P.C., amount to $81,345,787.41, an increase of $6,008,228.30 during the year 1941. The percentage of net debt to total assets is 15.4, a reduction of 3.2 per cent.

The total revenue of the municipal electric utilities served by this system was $33,048,623.86, an increase of $2,371,179.09 as compared with the previous year. After meeting all expenses in respect of operation, including interest setting up the standard depreciation reserve amounting to $2,272,711.62 and providing $2,073,275.07 for the retirement of instalment and sinking fund debentures, the total net surplus for the year for the municipal electric utilities served by the Niagara system amounted to $2,053,468.26, as compared with $1,280,866.74 the previous year.

Georgian Bay System

The total plant assets of the Georgian Bay system utilities amount to $3,093,288.99. The total assets, including an equity in the H-E.P.C. of $1,697,365.75, aggregate $5,305,237.95. The reserves and surplus accumulated in connection with the local utilities, exclusive of the equity in H-E.P.C., amount to $3,250,099.73, an increase of $57,987.40 during the year 1941. The percentage of the net debt to total assets is 9.9, a reduction of 1.1 per cent.

The total revenue of the municipal electric utilities served by this system was $1,427,900.41, an increase of $97,540.93 as compared with the previous year. After meeting all expense in respect of operation, including interest, setting up the standard depreciation reserve amounting to $99,159.97 and providing $38,241.95 for the retirement of instalment and sinking fund debentures, the total net loss for the year for the municipal electric utilities served by the Georgian Bay system amounted to $6,372.94, as compared with a loss of $18,182.98 the previous year.

EASTERN ONTARIO SYSTEM

The total plant assets of the Eastern Ontario system utilities amount to $9,690,937.41. The total assets, including an equity in the H-E.P.C. of $2,440,518.23, aggregate $15,248,885.98. The reserves and surplus accumulated in connection with the local utilities, exclusive of the equity in H-E.P.C., amount to $10,885,782.81, an increase of $641,884.45 during the year 1941. The percentage of net debt to total assets is 8.8, a reduction of 0.9 per cent.

The total revenue of the municipal electric utilities served by this system was $4,414,589.56, an increase of $363,552.89 as compared with the previous year. After meeting all expenses in respect of operation, including interest, setting up the standard depreciation reserve amounting to $269,341.00 and providing $112,576.34 for the retirement of instalment and sinking fund debentures, the total net surplus for the year for the municipal electric utilities served by the Eastern Ontario system amounted to $340,619.93 as compared with $290,513.86 the previous year.

THUNDER BAY SYSTEM

The total plant assets of the Thunder Bay system utilities amount to $2,978,741.17. The total assets, including an equity in the H-E.P.C. of $2,710,337.64, aggregate $6,624,773.84. The reserves and surplus accumulated in connection with the local utilities, exclusive of the equity in H-E.P.C., amount to $3,386,299.92, an increase of $44,940.85 during the year 1941. The percentage of net debt to total assets is 11.0, an increase of 1.4 per cent.

The total revenue of the municipal electric utilities served by this system was $1,432,160.42, an increase of $95,626.80 as compared with the previous year. After meeting all expenses in respect of operation, including interest, setting up the standard depreciation reserve amounting to $50,847.42 and providing $7,091.00 for the retirement of instalment and sinking fund debentures, the total net surplus for the year for the municipal electric utilities served by the Thunder Bay system amounted to $8,250.82, as compared with a net loss of $21,400.66 for the previous year.

* * *

The past year has afforded to me and to my colleagues, Hon. William L. Houck and Mr. J. Albert Smith, many opportunities for meeting members of local commissions and officials of the Hydro utilities of partner municipalities. Personal contacts with those who govern the affairs of the local Hydro utilities were beneficial, and again we are able to record excellent co-operation and support in the difficult circumstances that characterized the second year of the war.

During the first two years of the war, industrial use of electricity in Ontario increased enormously, and the end is not yet in sight. Notwithstanding the ample reserves of power available to the Hydro at the start of the war, the combined growth of the three Southern Ontario systems exhausted all growth reserves by December 1941. During the winter of 1941-

42 Hydro had no immediate reserves of power left; all supplies were in use, and during the maximum peak load period, some minor curtailment of service for less essential uses was necessary. The Commission has taken steps to add 129,000 horsepower of new generating capacity in Southern Ontario by next December, but the capacity to be added in 1942 will do little more than equal the apparent shortage in dependable capacity that existed in December 1941.

As nearly as can be estimated the shortage of power capacity in Southern Ontario to meet the anticipated growth in demand during the winter of 1941-42, will be not less than 150,000 horsepower, and may exceed 300,000 horsepower. This shortage will have to be met by conservation and restrictions. The Commission is working in close harmony with the Dominion Power Controller and will do all that is possible to assure adequate supplies of power for esssential use, and as far as possible it will minimize inconvenience to consumers.

The scarcity of materials essential to any programme of electric power expansion has necessitated strict curtailment of their use for all purposes which do not have a definite bearing on the Nation's war effort. It means also that improvements not vital to the supply of adequate service to war industries must be postponed.

In conclusion I desire to acknowledge the faithful and efficient service given by the Commission's staff in co-operating in many important ways to increase war production. Engineering designs and technical assistance have been placed at the disposal of the Dominion Government and war industry in the Province. Members of the staff have been loaned to the Dominion Government and to the University of Toronto to carry out special research work. The Commission's machine-shops have been producing tools and equipment for war industries under the "Bits and Pieces" programme. Also many of the Commission's employees are now serving in the active armed forces or in the reserve army, particularly the Royal Canadian Engineers.

Finally, I should like to thank the Press for its continued interest and support.

Respectfully submitted,
T. H. Hogg, *Chairman.*

TORONTO, ONTARIO, MARCH 31, 1942.

T. H. HOGG, ESQ., B.A.SC., C.E., D.ENG.,
Chairman, The Hydro-Electric Power Commission of Ontario,
Toronto, Ontario.

Sir:

I have the honour to submit, herewith, the Thirty-fourth Annual Report of The Hydro-Electric Power Commission of Ontario for the fiscal year which ended October 31, 1941. This report covers the operations of the Commission with regard to the supply of power to, or on behalf of, the partner Municipalities of the several Co-operative Systems, as well as the administration of the Northern Ontario Properties, which are held and operated by the Commission in trust for the Province of Ontario.

I have the honour to be, Sir,

Your obedient servant,

OSBORNE MITCHELL,
Secretary

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THIRTY-FOURTH ANNUAL REPORT

OF

The Hydro-Electric Power Commission of Ontario

FOREWORD

and

Guide to the Report

THE Hydro-Electric Power Commission of Ontario administers a co-operative municipal-ownership enterprise, supplying power throughout the Province of Ontario. The Commission was created in 1906 by special act of the Legislature and followed investigations by advisory commissions appointed as a result of public agitation to conserve the water powers of Ontario as a valuable asset of the people and to provide a more satisfactory supply of low-cost power in southern Ontario. In 1907 The Power Commission Act (7-Edward VII Ch. 19) was passed amplifying and extending the Act of 1906 and this Act—modified by numerous amending acts which now form part of the Revised Statutes of Ontario, 1937, Chap. 62—constitutes the authority under which the Commission operates.

The Hydro-Electric Power Commission of Ontario consists of a Chairman and two Commissioners, all of whom are appointed by the Lieutenant-Governor-in-Council to hold office during pleasure. One of the Commissioners must be a member of the Executive Council and two may be members.

In 1909, work was commenced on a comprehensive transmission system and by the end of 1910 power was being supplied to several municipalities.

The Commission has now been supplying electrical energy for more than thirty-one years and the Report contains diagrams depicting the growth of the enterprise. During this period the costs of electricity to the consumer have been substantially reduced and the finances of the enterprise have been established on a secure foundation.

At the end of 1941 the Commission was serving 900 municipalities in Ontario. This number included 26 cities, 105 towns, 304 villages and police villages and 465 townships. With the exception of 14 suburban sections of townships known as "voted areas", the townships and 121 of the smaller villages are served as parts of 184 rural power districts.

Financial Features of Co-operative Systems

The basic principle governing the financial operations of the undertaking is, that electrical service be given by the Commission to the municipalities and by the municipalities to the ultimate consumers at cost. Cost includes not only all operating and maintenance charges, interest on capital investment and reserves for renewals or depreciation, for obsolescence and contingencies, and for stabilization of rates, but also a reserve for sinking fund or capital payments on debentures.

The undertaking from its inception has been entirely self-supporting and no contributions have been made from general taxes except in connection with service in rural power districts. In this case, the Province, in pursuance of its long established policy of assisting agriculture and with the approval of the urban citizens, assists extension of rural electrical service by a grant-in-aid of the capital cost and in other ways as specified and detailed in the Report.

As the principle of "service at cost" is radically different from that obtaining in private organizations, where profit is the governing feature, it naturally results in different and in some ways unique administrative features.

The undertaking as a whole involves two distinct phases of operations as follows:

The *First* phase of operations is the provision of the electrical power—either by generation or purchase—and its transformation, transmission and delivery in *wholesale* quantities to individual municipal utilities, to large industrial consumers, and to rural power districts. This phase of the operations is performed by The Hydro-Electric Power Commission of Ontario as trustee for the municipalities acting collectively in groups or "systems," and the financial statements relating to these collective activities of the municipalities are presented in Section IX of the Report. Each system of municipalities, as provided in *The Power Commission Act*, forms an independent financial unit and the accounts are therefore segregated and separately presented for each system. In order, however, that there may be a comprehensive presentation of the co-operative activities of the undertaking as a whole, there are presented, in addition, for the four main systems and miscellaneous co-operative activities, a balance sheet of assets and liabilities, a statement of cost distributions, a tabulation of fixed assets, and summary combined statements respecting the various reserves.

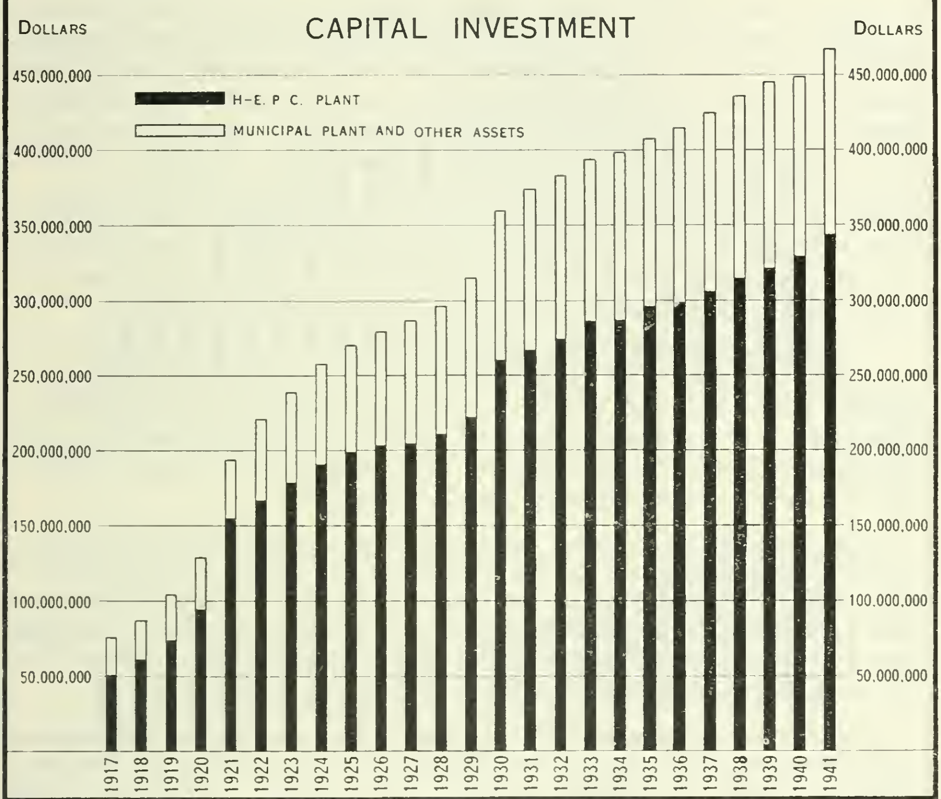
The *Second* phase of operations is the *retail* distribution of electrical energy to consumers within the limits of the areas served by the various municipal utilities and rural power districts. In the case of rural power districts which usually embrace portions of more than one township, The Hydro-Electric Power Commission not only provides the power at wholesale, but also—on behalf of the respective individual townships—attends to all physical and financial operations connected with the distribution of energy at retail to the consumers within the rural power districts. Summary financial statements relating to the rural power districts are also presented in Section IX of the Report, and a general report on their operation is given in Section III.

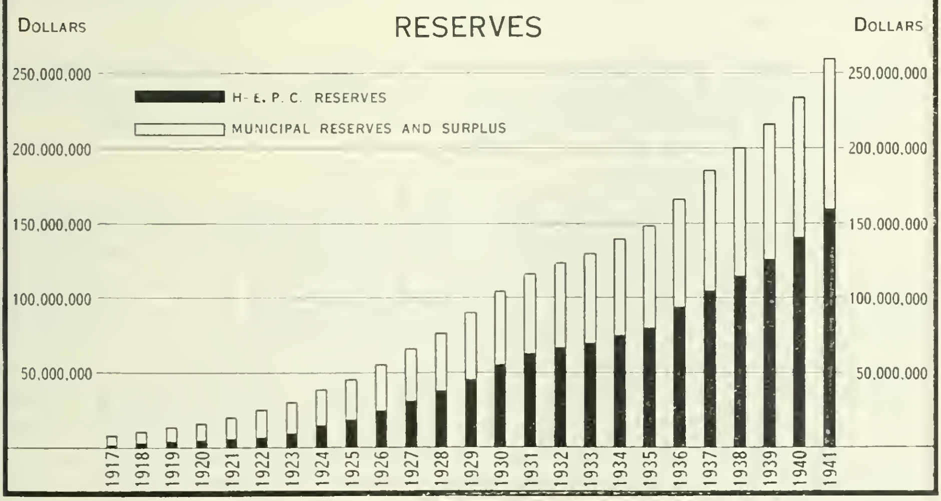
In the case of cities, towns, many villages and certain thickly populated areas of townships, retail distribution of electrical energy provided by the Commission is in general conducted by individual local municipal utility commissions under the general supervision of The Hydro-Electric Power Commission of Ontario. The balance sheets, operating reports and statistical data relating to the individual urban electrical utilities are presented in Section X of the Report.

For the Northern Ontario Properties held and operated by the Commission in trust for the Province there are also presented in Section IX financial statements including a balance sheet, an operating account, and statements respecting reserves and capital expenditures.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

TWENTY-FIVE YEARS RECORD—ALL SYSTEMS


CAPITAL INVESTMENT


RESERVES

Further details respecting administration, and explanations of the financial tables presented in the Report are given in the introductions to sections IX and X on pages 91 and 175.

Co-operative Systems Operating

From time to time in accordance with provisions in *The Power Commission Act* various groups of municipalities have been co-ordinated to form systems for the purpose of obtaining power supplies from convenient sources. In some cases these small systems grew until their transmission lines interlocked with those of adjacent systems and it proved beneficial to consolidate the transmission networks and the financial and administrative features. In the well settled parts of the Province, known as Old Ontario, this process has now reached a more stable condition and the municipalities of the southern part of the Province are now combined in three systems; the Niagara system, the Georgian Bay system and the Eastern Ontario system. One other system of partnership municipalities is known as the Thunder Bay system.

The Niagara System is the largest and most important system. It embraces municipalities in all the territory between Niagara Falls, Hamilton and Toronto on the east and Windsor, Sarnia and Goderich on the west. It is served with electrical energy generated at plants on the Niagara river, supplemented with power transmitted from generating plants on the Ottawa river and with power purchased from Quebec companies.

The Georgian Bay System comprises municipalities in that part of the Province which surrounds the southern end of Georgian Bay and lies to the north of the territory served by the Niagara system. It includes the districts surrounding lake Simcoe and extends as far north as Huntsville in the Lake of Bays district and south to Port Perry. Its power supplies are derived chiefly from local water-power developments.

The Eastern Ontario System serves all of Ontario east of the areas comprising the Georgian Bay and the Niagara systems. It includes the districts of Central Ontario, St. Lawrence, Rideau, Ottawa and Madawaska; formerly separate systems. Its power supplies are from local developments supplemented by purchases from other sources.

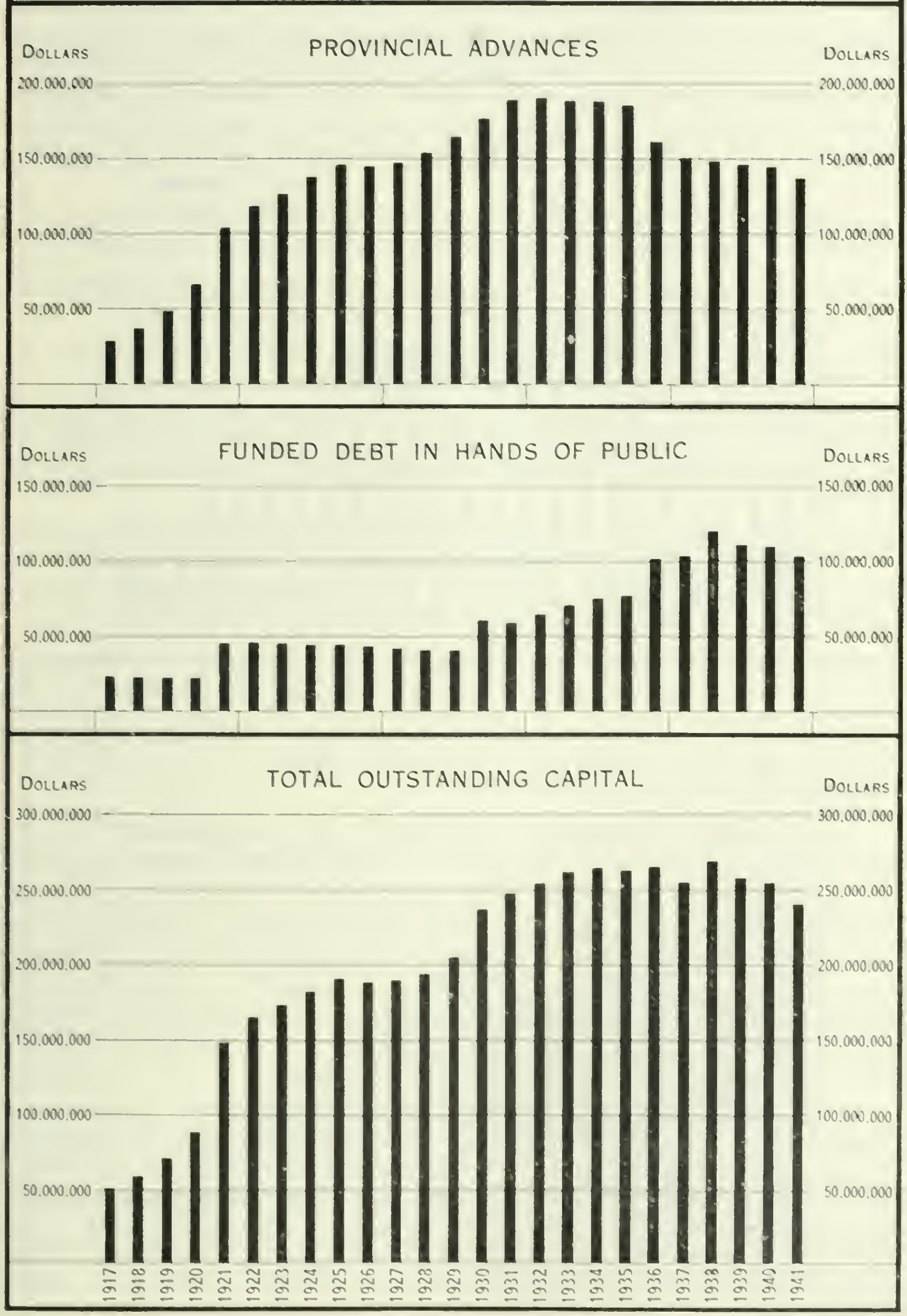
The Thunder Bay System comprises the cities of Port Arthur and Fort William, adjacent rural sections, the village of Nipigon, and the mining district of Longlac. Two developments on the Nipigon river supply power.

Northern Ontario Properties

In addition to its operations on behalf of the partner municipalities, the Commission, under an agreement with the Province, holds and operates the Northern Ontario Properties in trust for the Province. For the purposes of financial administration these properties are treated as one unit. The Northern Ontario Properties lie in the portion of the Province north of lake Nipissing and French River areas, exclusive of the territory served by the Thunder Bay system. The principal areas in this vast territory at present receiving service are the *Nipissing District* centering around the city of North Bay on the shore of lake Nipissing, the *Sudbury District* comprising the city of Sudbury and the adjoining mining area known as Sudbury Basin, the *Abitibi*

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

PROVINCIAL ADVANCES AND FUNDED DEBT



District comprising the territory served by 25-cycle power from the Abitibi Canyon development, together with a small area in the southern portion of the district of Sudbury in which mining properties are served with 60-cycle power; the *Patricia District* comprising the territory within transmission distance of the Ear Falls development at the outlet of lac Seul on the English river including the Red Lake mining area, and the territory immediately north of lake St. Joseph in the territorial district of Patricia served with power from a development at Rat Rapids on the Albany river. Included in the Northern Ontario Properties are rural power districts on Manitoulin island, and others adjacent to the communities served in the various districts of northern Ontario.

The geographic boundaries of the various systems and districts are shown on the maps of transmission lines and stations at the back of the Report.

The power supplies for the systems and northern Ontario districts are listed in the first table of Section II of the Report on pages 6 and 7.

The Annual Report

The table of contents, pages xxi and xxii lists the matters dealt with in the Report. At the end of the Report there is a comprehensive index. To those not conversant with the Commission's Reports, the following notes will be useful.

In Section II, pages 5 to 30, dealing with the operations of the systems, are a number of diagrams showing graphically the monthly loads on the several systems and districts. Tables are also presented showing the amounts of power taken by the various municipalities during the past two years.

The rural distribution work of the Commission has proved of widespread interest and special reference to this is made in Section III on pages 37 to 55.

In Sections V and VI will be found information respecting progress of work on new power developments and on transmission system extensions, together with photographic illustrations.

About one-half of the Report is devoted to financial and other statistical data which are presented in two sections IX and X already referred to above.

Frequent enquiries for the rates for service to consumers are received by the Commission. For the urban municipalities served by the Commission these are given in Statement "E" starting on page 336. For the rural power districts they are given in a table starting on page 46. Certain statistical data resulting from the application of the rates in urban utilities are given in Statement "D". This statement is prefaced by a special introduction starting on page 318.

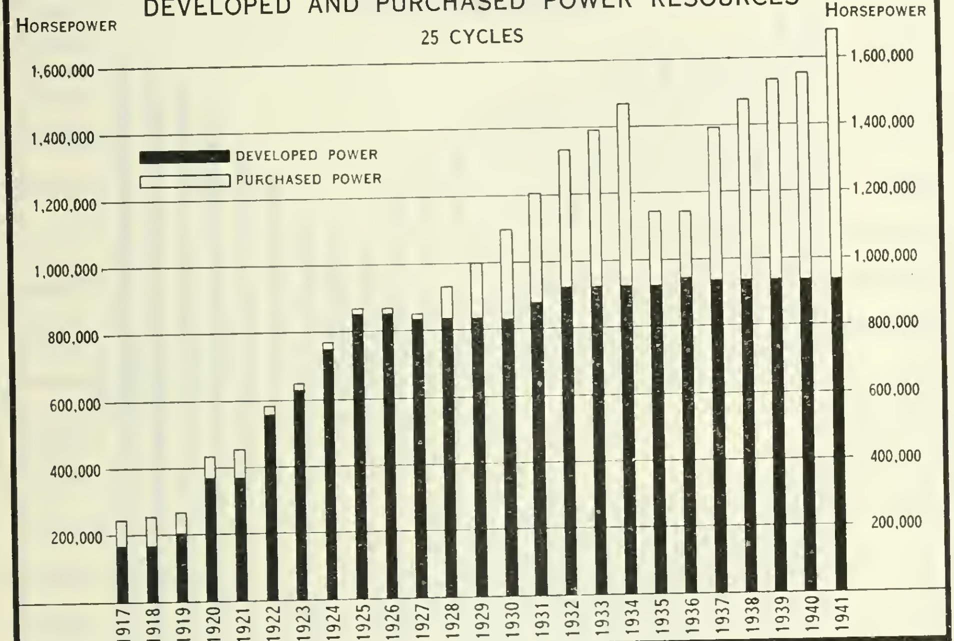
In its Annual Reports the Commission aims to present a comprehensive statement respecting the activities of the whole undertaking under its administration. Explanatory statements are suitably placed throughout the Report. The Commission receives many letters asking for general information respecting its activities, as well as requests for specific information concerning certain phases of its operations. In most cases the enquiries can satisfactorily be answered by simply directing attention to information presented in the Annual Report.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

TWENTY-FIVE YEARS RECORD—NIAGARA SYSTEM

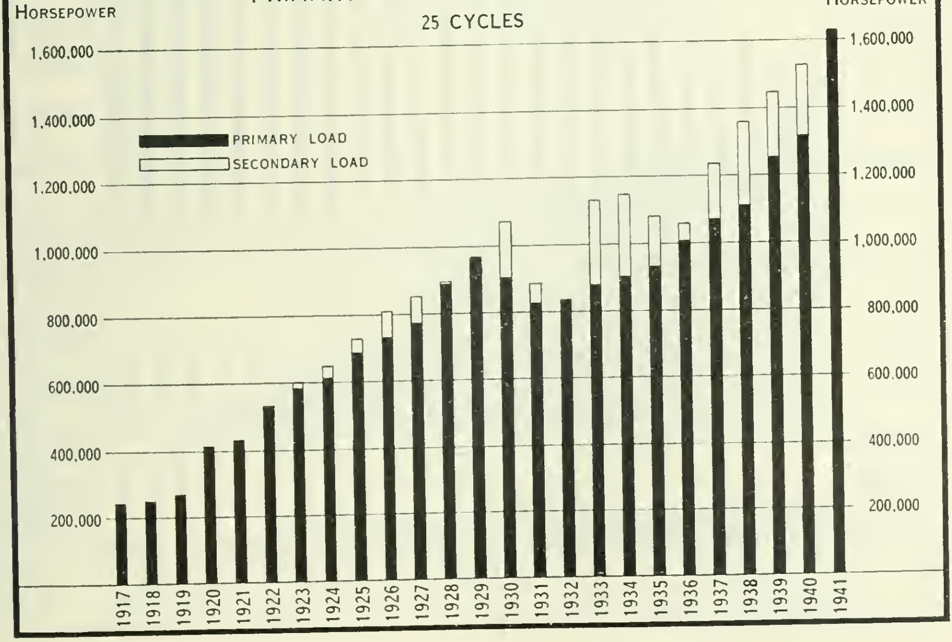
DEVELOPED AND PURCHASED POWER RESOURCES

25 CYCLES



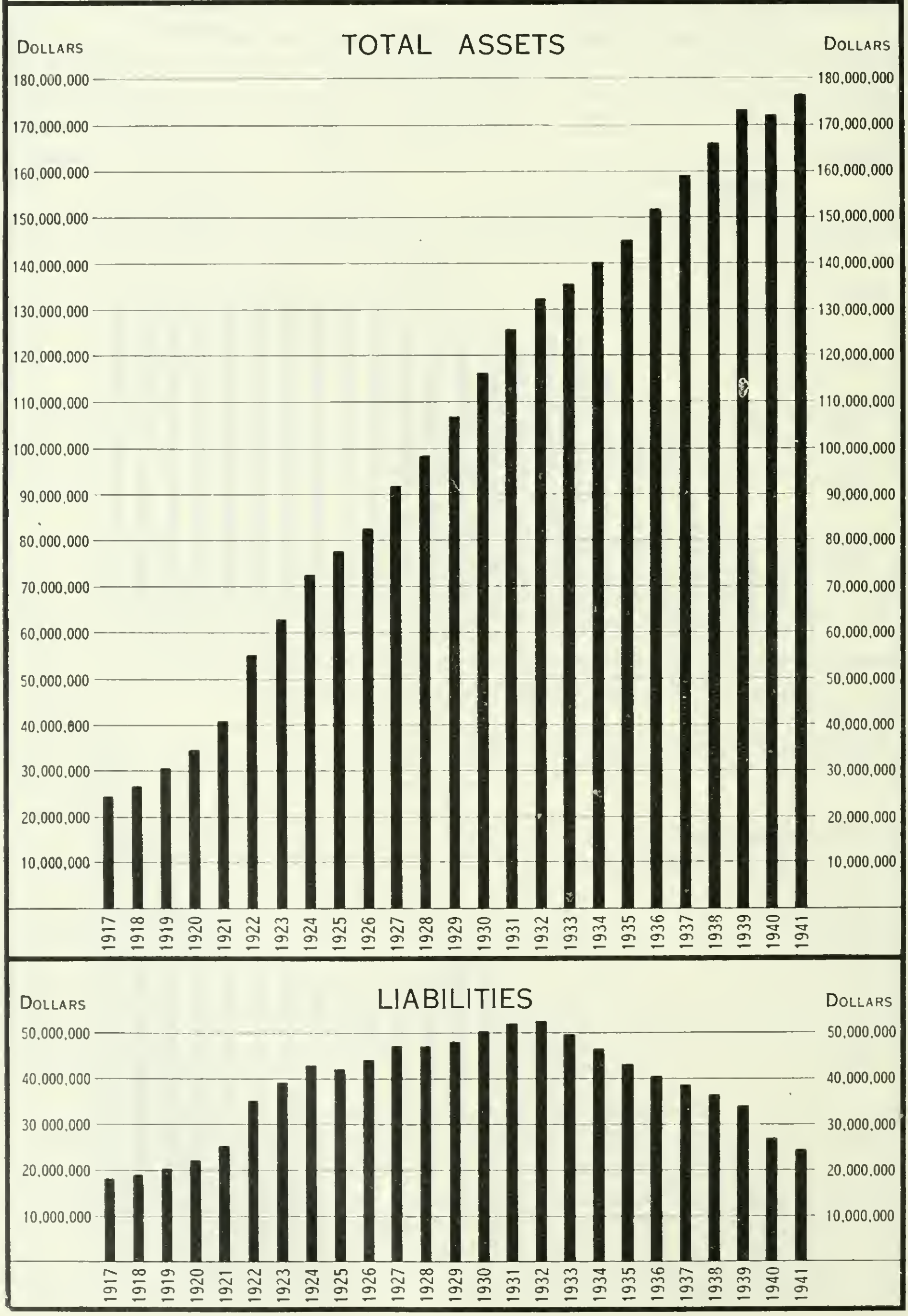
PRIMARY AND SECONDARY LOADS

25 CYCLES



THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

HYDRO UTILITIES OF CO-OPERATING URBAN MUNICIPALITIES
TWENTY-FIVE YEARS RECORD

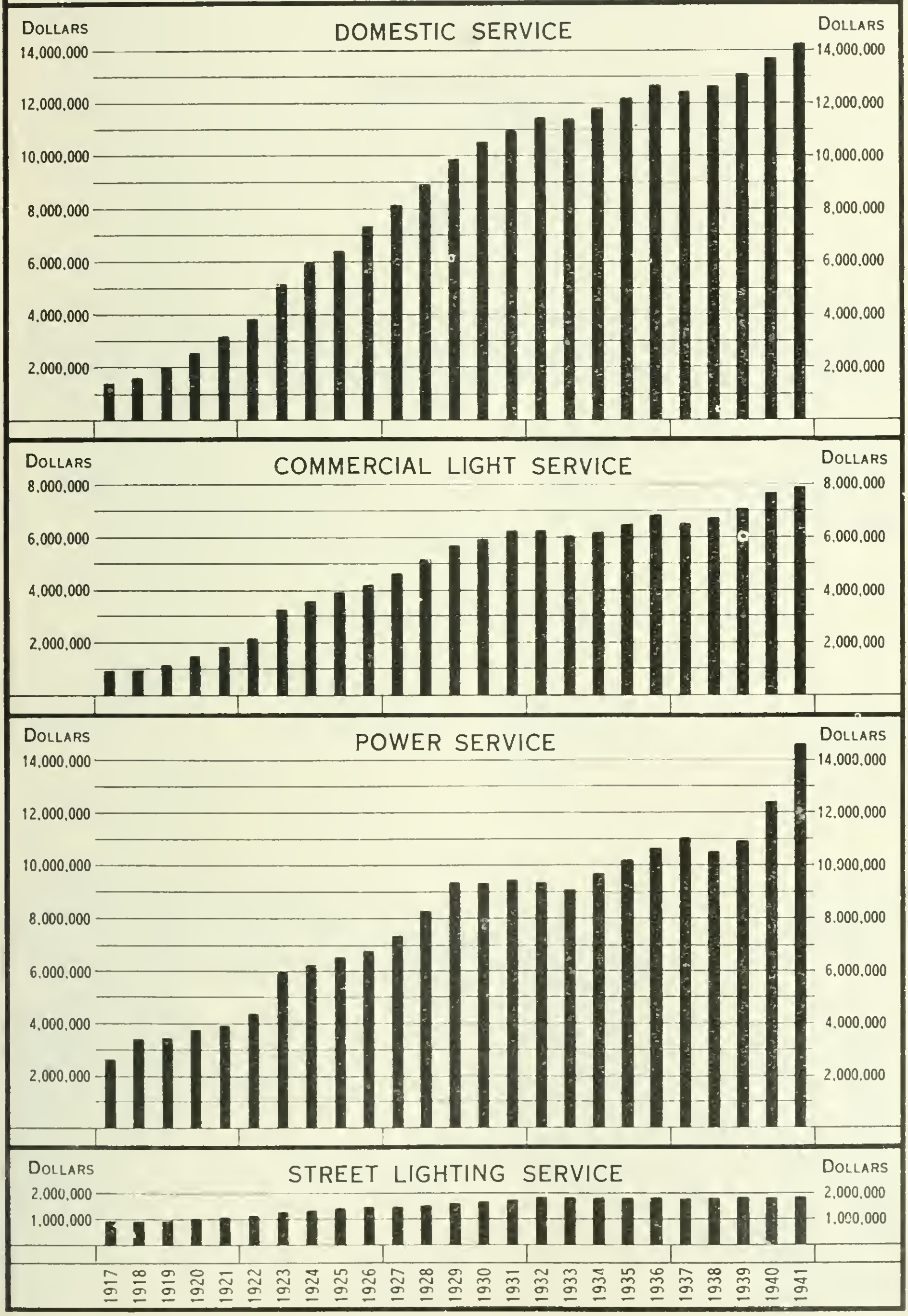


TOTAL ASSETS

LIABILITIES

The Hydro-Electric Power Commission Of Ontario

HYDRO UTILITIES OF CO-OPERATING URBAN MUNICIPALITIES
TWENTY-FIVE YEARS REVENUES



SECTION I

LEGAL

At the 1941 Session of the Legislative Assembly of the Province of Ontario one Act respecting The Hydro-Electric Power Commission of Ontario was passed. The Act is reproduced in full in Appendix I of this Report. The short title of the said Act is as follows:

The Power Commission Insurance Amendment Act, 1941, Chapter 43.

The agreements between The Hydro-Electric Power Commission of Ontario and municipalities and corporations mentioned in the list hereunder given were approved by Orders-in-Council.

CO-OPERATIVE SYSTEMS

Towns and Villages

Little Current	May 7, 1941
Little Current	July 11, 1941
Lion's Head	Dec. 20, 1939

Townships

Barton	May 21, 1941

Townships

Osgoode	June 23, 1941
South Plantagenet	Nov. 15, 1940
St. Edmunds	Jan. 18, 1941
Torbolton	May 23, 1941
Vaughan	April 7, 1941
Waterloo	April 12, 1941

Corporations

Aluminum Company of Canada Limited	Nov. 12, 1940
Aluminum Company of Canada Limited (Firm)	May 21, 1941
Aluminum Company of Canada Limited (Interruptible)	May 21, 1941
American Cyanamid Company and North American Cyanamid Limited	Oct. 22, 1941
American Cyanamid Company and North American Cyanamid Limited (Supplemental)	Oct. 22, 1941
Atlas Steels Limited	April 19, 1941
Atlas Steels Limited	Sept. 29, 1941
Atlas Steels Limited	Dec. 5, 1941
Beaver Wood Fibre Company Limited	Jan. 6, 1941
Canada Strip Mill Limited	July 19, 1941
Canada Talc Limited	Jan. 25, 1941
Canadian Bridge Company Limited and Canadian Steel Corporation Limited	May 14, 1941
Canadian Bridge Company Limited and Canadian Steel Corporation Limited	Dec. 16, 1941
Canadian General Electric Company Limited	Feb. 18. 1941
Canadian General Electric Company Limited	Jan. 9, 1942
Canadian Industries Limited	Jan. 9, 1941
Canadian Industries Limited	Jan. 10, 1941
Canadian Pacific Railway Company (Contract A)	Dec. 30, 1941
Canadian Pacific Railway Company (Contract B)	Dec. 30, 1941
Cedar Rapids Transmission Company Limited	Sept. 30, 1941

Corporations—Continued

Defence Industries Limited	Feb. 4, 1941
Defence Industries Limited	July 15, 1941
Dominion Foundries & Steel Company Limited	Dec. 16, 1941
Exolon Company Incorporated	Nov. 12, 1940
Fleet Aircraft Limited	Oct. 14, 1941
Gair Company, Canada, Limited (Campbellford Plant)	Mar. 12, 1941
Gair Company, Canada, Limited (Frankford Plant)	Mar. 12, 1941
General Engineering Company (Canada) Limited	May 6, 1941
Grand River Railway Company	Aug. 1, 1941
His Majesty The King, represented by The Minister of National Defence	Dec. 1, 1940
His Majesty The King, represented by The Minister of National Defence for Air	Aug. 6, 1941
His Majesty The King, represented by The Minister of National Defence for Air	Aug. 26, 1941
His Majesty The King, represented by The Minister of National Defence for Air	Sept. 29, 1941
His Majesty The King, represented by The Minister of National Defence for Air	Dec. 24, 1941
His Majesty The King, represented by The Minister of Transport (Iroquois Section, Galops Canal, Navigation Season)	April 25, 1941
His Majesty The King, represented by The Minister of Transport (Iroquois Section, Galops Canal, Non-Navigation Season)	April 25, 1941
His Majesty The King, represented by The Minister of Transport (Upper Entrance Section, Galops Canal, Navigation Season)	April 25, 1941
His Majesty The King, represented by The Minister of Transport (Upper Entrance Section, Galops Canal, Non-Navigation Season)	April 25, 1941
Howard Smith Paper Mills Limited	July 2, 1941
Lake Erie & Northern Railway Company	Aug. 1, 1941
Lionite Abrasives Limited	June 11, 1941
Maple Leaf Milling Company Limited	Mar. 12, 1941
National Steel Car Corporation Limited	Dec. 18, 1940
Norton Company	Oct. 29, 1941
Welland Chemical Works Limited	Feb. 22, 1941

NORTHERN ONTARIO PROPERTIES

Trout Creek, Street Lighting	Aug. 26, 1941
Canada Northern Power Corporation Limited, Northern Ontario Power Company Limited and Northern Quebec Power Company Limited, amending the 1933 contract	July 2, 1941

RIGHT-OF-WAY AND PROPERTY

WAR activitites of the Commission involving the construction of new hydro-electric developments and long main transmission lines and the general strengthening of transmission and distribution networks throughout the Province, greatly increased work in connection with the acquisition of properties and right-of-way. The following brief notes relate to the more important operations of the year.

Niagara System

The procurement of easement rights, purchase of right-of-way and settlement of damage claims, was proceeded with for the newly completed 230,000-volt transmission line approximately 310 miles in length from Beaudet near the Ontario-Quebec border to Burlington.

The purchase of an arterial right-of-way through the metropolitan area of Toronto involved much study and analysis of probable future requirements in order to provide adequately for transmission line expansion. To provide the required clear width on this right-of-way a large number of buildings of various types had to be moved, fences also were removed or changed, and other physical adjustments made.

A right-of-way to provide an overall width of 158 feet, from Windsor east for a distance of six miles, was purchased. This will assure a permanent entrance to this rapidly expanding industrial area. Over the remainder of the distance of approximately 100 miles to St. Thomas, perpetual easement rights were secured for the construction of a new single-circuit steel tower transmission line.

The modernization and enlargement of the DeCew Falls development will affect a large number of private properties and involve purchase of property and the removal of buildings and other structures, both in St. Catharines and the adjoining municipalities.

To protect the intake waters of the Queenston development as a matter of National Defence, all privately held property was acquired on both sides of the Welland river from Hog island on the Niagara river, to Montrose. All residences, buildings and structures within the controlled zone are being removed.

The renewal of easements and purchase of right-of-way involved in certain original easements taken in 1909, which matured in 1939, were proceeded with. In the vicinity of the more rapidly growing cities of Toronto, Windsor, Kitchener, London and Woodstock, certain right-of-way was purchased outright to protect it from encroachment by these growing cities.

Georgian Bay System

To provide for the transmission of power from the Big Eddy development on the Muskoka river negotiations were conducted with the Department of Mines and Resources, Indian Affairs Branch, for the purchase of a right-of-way and certain other lands in the Gibson Indian Reserve. To provide highway access to the development and land for incidental use other property was acquired from private individuals and from the Province of Ontario.

Eastern Ontario System

Construction of the power development at Barrett Chute on the Madawaska river involved the purchase of a right-of-way for highway and transmission line purposes. A large amount of property held privately and in the Crown was procured for the various purposes involved in the undertaking including the flood level to be established.

Intimately connected with the Barrett Chute development is the storage reservoir at Bark lake, some 65 miles upstream. The construction of the Bark Lake dam raised the level of the lake and flooded highways and habitations, including many in the village of Madawaska, seven miles away, the site of which was owned by the Canadian National Railways. Extensive negotiations were required with the Department of Highways and Department of Crown Lands and private individuals. Many families were re-established in the area above the flood level. Highways also were relocated at higher levels.

Easement rights in the Eastern Ontario system were purchased for a new single-circuit steel tower transmission line between Trenton and Kingston, a distance of nearly 60 miles.

General

The assessment of Commission owned land has been the subject of much study and further progress was made to bring all corporate held property, gradually within the scope of the Power Commission Act.

A great deal of land survey work has been completed on Commission owned property and permanent monuments placed thereon. The effect of this policy is becoming of increasing importance and of much value in relation to all property determination.

With increased industrial activity, improvement has been noted in the leasing of Commission lands, and the collection of revenue therefrom.

A large number of transformer station sites and easement rights throughout the Province were purchased: these were directly associated with the industrial activity connected with the war.

SECTION II

OPERATION OF THE SYSTEMS

DURING the summer of 1941 more than the usual number of electrical storms occurred, causing many service interruptions which, although numerous and troublesome, were not in general of a serious nature. The other chief cause of service interruptions was high winds or gales, the most severe of which occurred on October 7 when a cyclone of limited extent struck over the right-of-way on which three of the 220,000-volt steel-tower lines carrying power from eastern sources to Toronto are located. Two towers on the north line and one each on the other two lines were wrecked, taking all three lines out of service and causing a serious power shortage in many cities and towns until one line was temporarily repaired and returned to service about sixteen hours later.

The 1941 run-off filled all reservoirs nearly to storage limits, but low precipitation during the run-off period followed by subnormal precipitation into the late summer, was a matter of grave concern to the Commission in meeting the power demand in some localities. By September heavy rains relieved the situation to a marked degree and at the close of the Commission's fiscal year water conditions on practically all storage basins were better than normal.

Load Conditions

The total output from all generated and purchased sources amounted to 10,466,241,618 kilowatt-hours. This is larger than the output of any previous fiscal year and exceeded that of the previous year by 8.1 per cent. The October peak load, including primary and secondary power, was 2,312,219 horsepower, the largest ever carried on the combined systems. Compared with the October peak load of a year ago it shows an increase of 18.3 per cent.

Of the total output, 8,905,010,142 kilowatt-hours were for primary power purposes. Compared with the corresponding output of the previous year this was an increase of nearly 14 per cent. Due chiefly to expanding war production, the monthly primary peak loads rose steadily above those of the corresponding months of the previous year. In October the primary peak load reached 2,096,717 horsepower, which was 17.5 per cent above the corresponding peak of a year before.

TOTAL POWER GENERATED

HYDRO-ELECTRIC GENERATING PLANTS

Generating plants	Maximum normal plant capacity Oct. 31, 1941 horsepower	Peak load during fiscal year		Total output during fiscal year	
		1939-40 horsepower	1940-41 horsepower	1939-40 kilowatt-hours	1940-41 kilowatt-hours
Niagara system					
Queenston-Chippawa—Niagara river	500,000	486,595	471,850	2,740,693,000	2,657,492,000
"Ontario Power"—Niagara river	180,000	180,295	181,635	903,501,000	1,054,829,000
"Toronto Power"—Niagara river	150,000	130,965	137,399	176,204,000	504,741,000
Chats Falls (Ontario half)—Ottawa river	108,000	113,941	113,941	400,814,400	451,426,150
DeCew Falls—Welland canal	50,000	50,268	50,000	157,990,000	196,354,000
Steam plant—Hamilton	24,000	0	0	0	0
Georgian Bay system					
South Falls—South Muskoka river	5,600	5,898	5,697	25,205,880	29,068,080
Hanna Chute—South Muskoka river	1,600	1,743	1,743	6,969,600	8,755,200
Trethewey Falls—South Muskoka river	2,300	2,279	2,279	9,292,800	11,056,800
Ragged Rapids—Muskoka river	10,000	10,154	10,657	35,218,500	40,602,400
Big Eddy—Muskoka river	5,000	0	5,898	0	1,022,880
Bala No. 1 and No. 2—Muskoka river	600	590	536	1,928,000	2,509,600
Big Chute—Severn river	5,800	6,113	5,845	21,445,780	28,622,400
Wasdells Falls—Severn river	1,200	1,206	1,180	3,680,000	4,560,480
Eugenia Falls—Beaver river	7,800	7,828	7,668	11,826,800	19,889,800
Hanover—Saugeen river	400	429	416	1,246,468	1,498,272
Walkerton—Saugeen river	500	496	509	1,923,800	2,247,900
Eastern Ontario system					
Sidney—Dam No. 2—Trent river	4,500	5,228	5,127	19,008,000	22,619,100
Frankford—Dam No. 5—Trent river	3,500	4,424	3,961	15,347,100	16,900,700
Sills Island—Dam No. 6—Trent river	2,100	2,252	1,287	9,960,080	6,663,280
Meyersburg—Dam No. 8—Trent river	7,000	7,741	7,741	33,016,530	36,698,570
Hague's Reach—Dam No. 9—Trent river	4,500	5,161	5,094	19,835,470	21,240,540
Ranney Falls—Dam No. 10—Trent river	11,500	12,172	11,970	50,351,860	54,918,380
Seymour—Dam No. 11—Trent river	4,200	4,390	4,424	16,835,520	19,727,040
Heely Falls—Dam No. 14—Trent river	15,300	16,086	15,985	63,470,240	72,473,200
Auburn—Dam No. 18—Trent river	2,400	3,499	2,882	10,776,490	11,299,080
Douro—Lock No. 24—Otonabee river	900	871	1,052	45,450	422,400
Lakefield—Otonabee river	2,300	2,433	2,413	8,682,410	10,367,090
Young's Point—Otonabee river	500	496	590	24,500	422,300
Fenelon Falls-Dam No. 30-Sturgeon river	1,000	938	891	2,730,900	3,714,800
High Falls—Mississippi river	3,000	3,083	3,385	11,787,000	10,879,200
Carleton Place—Mississippi river	400	0	335	0	90,410
Calabogie—Madawaska river	6,000	6,273	6,434	16,749,270	23,404,330
Galetta—Mississippi river	1,100	1,220	1,193	2,684,400	2,784,000
Thunder Bay system					
Cameron Falls—Nipigon river	73,500	67,024	71,381	290,467,000	287,168,000
Alexander—Nipigon river	50,000	51,877	52,145	240,124,800	236,834,400
Northern Ontario Properties					
Nipissing district					
Nipissing—South river	2,100	2,212	2,172	6,867,180	7,134,440
Bingham Chute—South river	1,200	1,300	1,294	3,837,520	4,286,240
Elliott Chute—South river	1,700	1,890	1,903	2,863,800	3,448,000
Sudbury district					
Coniston—Wanapitei river	5,900	5,898	5,697	21,633,600	20,083,050
McVittie—Wanapitei river	3,100	3,217	3,083	17,294,600	17,781,050
Stinson—Wanapitei river	7,500	7,239	7,560	19,224,000	16,590,000
Crystal Falls—Sturgeon river	10,000	10,214	10,121	32,871,868	39,287,696
Abitibi district					
Abitibi Canyon—Abitibi river	240,000	211,796	230,965	1,077,106,500	1,115,701,300
Patricia district					
Ear Falls—English river	15,000	13,271	16,086	55,531,920	76,731,660
Rat Rapids—Albany river	1,800	3,458	3,485	17,180,160	13,788,380
Total generated	1,534,800	*	*	6,564,248,196	7,168,134,598

* Because the peak loads on the various generating plants and purchased power sources usually occur at different times, the sum of the individual peak loads would not represent the sum of the peak loads on the systems. These, in the case of each system, must relate to the maximum load occurring at any one time. Consequently, the column headed "Peak load" is not totalled.

AND PURCHASED—ALL SYSTEMS

POWER PURCHASED

Power source	Contract amount horsepower Oct. 31, 1941	Total purchased	
		1939-40 Kilowatt-hours	1940-41 Kilowatt-hours
Canadian Niagara Power Co.	20,000	94,151,700	95,200,600
Gatineau Power Co.—25-cycle	260,000	1,196,338,740	1,190,324,700
Ottawa Valley Power Co.	108,000	400,814,400	451,426,150
Beauharnois Light, Heat and Power Co.	200,000	737,806,930	778,780,000
Maclaren-Quebec Power Co.—"Main contract"	100,000	313,291,000	409,275,200
Maclaren-Quebec Power Co.—"War power"	57,500		
Gatineau Power Co.—60-cycle delivery at 110 kv.	60,000	275,838,460	274,820,000
Gatineau Power Co.—60-cycle delivery at 11 kv.	20,000	68,848,200	72,003,600
Gatineau Power Co.—60-cycle delivery at Treadwell*	350	474,400	462,560
M.F. Beach Estate	500	1,702,000	2,266,000
Rideau Power Co.	400	1,887,200	1,883,500
Campbellford Water and Light Commission	800	5,577,100	5,174,800
Manitoulin Pulp Co.*	800	756,900	1,018,000
Huronian Co.*	150	313,200	397,800
Pembroke Electric Light Co. Ltd.*	1,000	379,200	2,297,370
Orillia Water, Light and Power Commission*	504	802,900	896,600
Gananoque Light, Heat and Power Co.*	177	296,020	352,660
Abitibi Power and Paper Co.†	....	12,886,115	780,800
Kaministiquia Power Co.†	....	9,341,760	9,776,480
Fenelon Falls Light, Heat and Power Commission‡	....	3,600	0
Welland Ship Canal‡	....	644,400	970,200
Total purchased	830,181	3,122,154,225	3,298,107,020

Power purchased, contract amount, 1941	830,181	horsepower
Maximum normal plant capacity, 1941	1,534,800	"
Total available capacity generated and purchased, 1941	2,364,981	"
Total available capacity generated and purchased, 1940	2,233,165	"
Difference (increase)	131,816	"
Total energy purchased, 1941	3,298,107,020	kilowatt-hours
Total energy generated, 1941	7,168,134,598	" "
Total energy generated and purchased, 1941	10,466,241,618	" "
Total energy generated and purchased, 1940	9,686,402,421	" "
Difference (increase)	779,839,197	" "

*Purchased for delivery to remote rural power districts.
†Purchased on kilowatt-hour basis.
‡Emergency use.

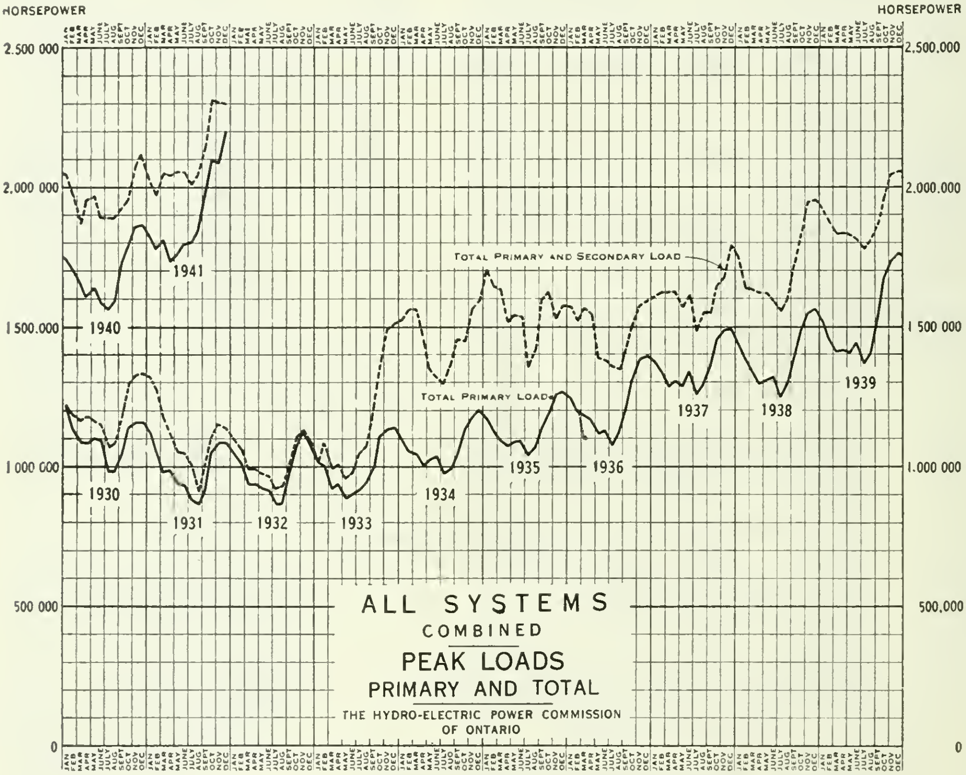
CAUTION: The figures for "Maximum normal plant capacity" reflect the capacity of the various plants under the most favourable operating conditions which can reasonably be considered as normal, taking into consideration turbine capacity as well as generator capacity, and also the net operating head and available water supply.

Owing, among other things, to changes in generating equipment due to wear and tear or the replacement of parts, also to changes in limitations governing water levels and effective net heads, the maximum normal plant capacity is not a fixed quantity but is one which must be revised from time to time.

It is particularly important to bear in mind that the column headed "Maximum normal plant capacity" cannot be taken as an indication of the dependable capacity of the various plants: in some cases it is, but in many cases it is not. Chief among the factors which govern the maximum dependable capacity of an hydraulic power plant and which are not reflected in column headed "Maximum normal plant capacity" are abnormal variations in water supply and operating limitations encountered when plants are so situated on a given stream as to be affected by one another.

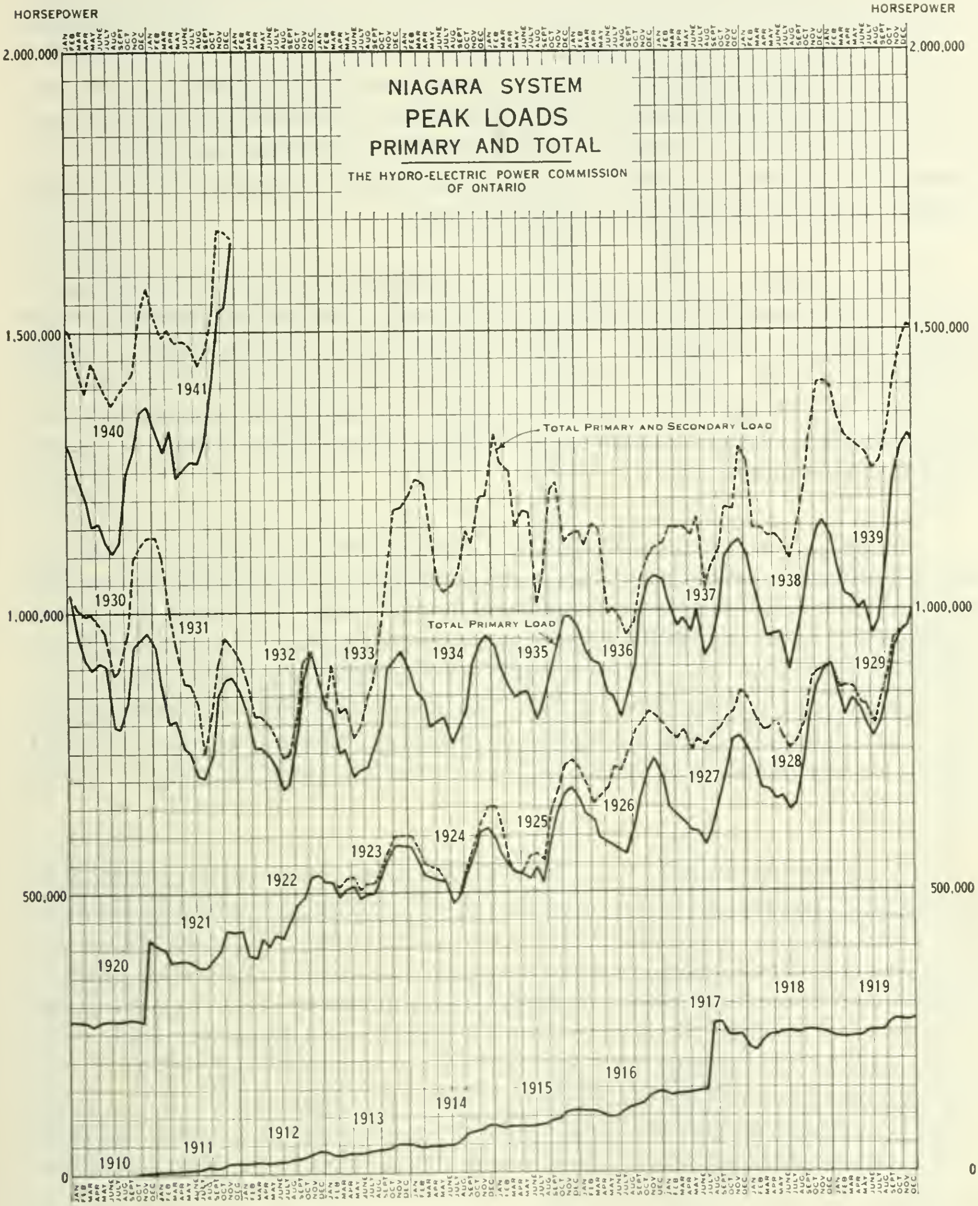
The loads of the Southern Ontario systems (Niagara, Eastern Ontario and Georgian Bay) account for most of this increase, as it is in the area served by these systems that nearly all of the province's war production plants are situated. In areas served by the Northern Ontario Properties the aggregate increase in primary load, while substantial, was not as great as in previous years.

Details regarding the load of each of the co-operative systems and of the several districts of the Northern Ontario Properties, are given in the load curves in this section of the Report.



NIAGARA SYSTEM

The total output of energy from all sources in the Niagara system exceeded that of any previous year. Compared with the previous year it was 9.5 per cent greater. Approximately 82 per cent of the total output was supplied for primary power purposes, the balance being classed as secondary. This ratio between primary and secondary classification has not changed materially from the previous year but due to expanding war production, the greater portion of the power now classed as secondary is being used for vital war purposes and cannot be interrupted. The output of energy classed



as primary exceeded the corresponding output in the previous year by 14.1 per cent. In every month the primary peak loads were above the level of a year ago, rising sharply in the last half of the year to a maximum in October of 19 per cent in excess of the previous October.

All sources of power supply were operated to obtain the greatest possible amount of power and energy throughout the year. No serious trouble was experienced from ice conditions during the winter at any generating station supplying power to the Niagara system. On two occasions, a power shortage on the 66-cycle Dominion Power division was avoided by the temporary purchase of 5,000 horsepower from the Department of Transport's generating station on the Welland ship canal. Natural flow conditions on the Ottawa river drainage basin averaged above normal for the year and Chats Falls generating station was operated to produce energy in excess of the Ottawa Valley Power Company contract requirements.

On November 4, 1940, the total Canadian diversion on the Niagara river was increased from 36,000 to 41,000 cubic feet per second. This was further increased on June 13, 1941, to 44,000 cubic feet per second. While no additional peak output became available from the increased diversion, it did enable the Niagara river plants to operate at higher load factors and thus meet the high energy consumption, resulting from longer hours of use in war-time production.

Impending winter power shortage necessitated the taking of eastern power in advance of contract date. By arrangement, the 20,000 horsepower due November 1, 1944, from Maclaren-Quebec Power Company was taken on August 20, and the 50,000 horsepower due November 1, 1941, from Beauharnois Light, Heat and Power Company was taken on August 28. Thus, all primary load requirements in the Niagara system were successfully met this year, although it was necessary on a few occasions over the peak-load periods in the winter months of 1941-42 to curtail power delivery to a few industries.

Except for the failure of the 220,000-volt steel-tower lines mentioned in the opening paragraph on the operation of all systems, all transmission lines functioned reliably throughout the year. The fourth 220,000-volt steel-tower line from the Ontario-Quebec boundary near the St. Lawrence to serve Toronto and Hamilton areas, was completed and service over it given to the Toronto area on April 9, and to Hamilton area on August 24, 1941. The importance of this fourth line, carried over a separate right-of-way, was fully demonstrated in October when the other three lines failed. By carrying a heavy overload on the new line, while the other three lines were disabled, service was maintained much nearer normal than would otherwise have been possible.

Operation of the transformer and distributing stations this year featured the addition of many new stations to furnish service for expanding war needs. The most important addition was the Burlington transformer station, placed in service with an initial capacity of 75,000 kv-a on August 24. On October 12, 1941, a second, three-phase transformer was added, bringing the capacity of the Burlington transformer station to 150,000 kv-a. To take care of rising loads, the capacity of many stations was increased during the year.

NIAGARA SYSTEM—LOADS OF MUNICIPALITIES 1940-41

Municipality	Peak load in horsepower		Change in load	
	July to Dec., 1940	July to Dec., 1941	Decrease	Increase
Acton	1,240.0	1,610.2	....	370.2
Agincourt	219.3	233.5	....	14.2
Ailsa Craig	139.9	146.9	....	7.0
Alvinston	116.6	109.9	6.7	....
Amherstburg	984.4	1,092.2	....	107.8
Ancaster Township—Voted Area	411.2	411.6	....	0.4
Arkona	68.5	71.2	....	2.7
Aurora	1,310.3	1,389.0	....	78.7
Aylmer	848.1	862.1	....	24.0
Ayr	243.7	280.6	....	36.9
Baden	364.2	472.0	....	107.8
Beachville	567.8	655.2	....	87.4
Beamsville	426.3	475.5	....	49.2
Belle River	180.6	200.0	....	19.4
Blenheim	624.4	639.9	....	15.5
Blyth	154.5	147.8	6.7	....
Bolton	221.5	221.2	0.3	....
Bothwell	156.7	167.2	....	10.5
Brampton	3,143.1	3,183.3	....	40.2
Brantford	17,969.1	20,095.7	....	2,126.6
Brantford Township—Voted Area	1,012.1	1,177.7	....	165.6
Bridgeport	127.1	166.5	....	39.4
Brigden	89.8	89.5	0.3	....
Bronte	213.9	265.4	....	51.5
Brussels	173.3	170.2	3.1	....
Burford	257.4	249.5	7.9	....
Burgessville	53.1	65.0	....	11.9
Burlington	1,353.9	1,640.3	....	286.4
Burlington Beach	510.4	500.2	10.2	....
Caledonia	423.9	436.2	....	12.3
Campbellville	50.4	43.7	6.7	....
Cayuga	156.3	156.1	0.2	....
Chatham	7,446.5	7,762.7	....	316.2
Chippawa	341.8	382.8	....	41.0
Clifford	108.3	112.6	....	4.3
Clinton	642.0	697.3	....	55.3
Comber	150.8	170.6	....	19.8
Cottam	91.1	99.3	....	8.2
Courtright	49.3	55.9	....	6.6
Dashwood	106.3	95.8	10.5	....
Delaware	80.6	87.4	....	6.8
Delhi	755.0	779.9	....	24.9
Dorchester	127.9	143.0	....	15.1
Drayton	143.6	143.4	0.2	....
Dresden	474.5	439.5	35.0	....
Drumbo	118.9	122.8	....	3.9
Dublin	118.9	106.0	12.9	....
Dundas	2,399.1	2,868.0	....	468.9
Dunnville	1,342.3	1,505.8	....	163.5
Dutton	274.7	289.7	....	15.0

NIAGARA SYSTEM—LOADS OF MUNICIPALITIES 1940-1941—Continued

Municipality	Peak load in horsepower		Change in load	
	July to Dec., 1940	July to Dec., 1941	Decrease	Increase
East York Township	8,351.7	8,592.7		241.0
Elmira	909.1	929.6		20.5
Elora	440.9	498.8		57.9
Embro	118.1	131.4		13.3
Erieau	187.7	199.5		11.8
Erie Beach	63.3	47.4	15.9	
Essex	737.9	796.7		58.8
Etobicoke Township—Voted Area	7,379.1	7,878.5		499.4
Exeter	736.6	700.5	36.1	
Fergus	1,364.6	1,550.3		185.7
Fonthill	190.6	206.1		15.5
Forest	561.8	562.7		0.9
Forest Hill	7,870.6	7,997.6		127.0
Galt	9,685.1	11,445.2		1,760.1
Georgetown	1,686.5	1,810.9		124.4
Glencoe	239.9	226.4	13.5	
Goderich	1,581.4	1,663.7		82.3
Granton	86.3	80.4	5.9	
Grimsby	862.7	786.8	75.9	
Guelph	11,231.2	11,732.6		501.4
Hagersville	1,121.1	1,284.9		163.8
Hamilton	135,555.6	159,175.7		23,620.1
Harriston	403.0	432.9		29.9
Harrow	616.5	644.2		27.7
Hensall	245.4	238.1	7.3	
Hespeler	2,768.8	2,975.0		206.2
Highgate	100.4	106.0		5.6
Humberstone	597.9	557.9	40.0	
Ingersoll	2,856.8	3,216.6		359.8
Jarvis	230.6	243.6		13.0
Kingsville	766.5	762.5	4.0	
Kitchener	24,811.2	28,308.6		3,497.4
Lambeth	149.9	173.2		23.3
La Salle	226.6	245.0		18.4
Leamington	2,296.4	2,060.7	235.7	
Listowel	1,334.4	1,482.2		147.8
London	41,310.6	44,091.8		2,781.2
London Township—Voted Area	630.0	672.5		42.5
Long Branch	1,113.5	1,241.7		128.2
Lucan	221.3	214.1	7.2	
Lynden	124.4	130.7		6.3
Markham	387.4	430.0		42.6
Merlin	125.3	120.5	4.8	
Merritton	7,314.0	8,405.7		1,091.7
Milton	1,414.9	1,551.4		136.5
Milverton	389.1	368.2	20.9	
Mimico	2,686.3	2,744.0		57.7
Mitchell	717.4	743.3		25.9
Moorefield	40.5	40.9		0.4
Mount Brydges	115.8	113.8	2.0	

NIAGARA SYSTEM—LOADS OF MUNICIPALITIES 1940-1941—Continued

Municipality	Peak load in horsepower		Change in load	
	July to Dec., 1940	July to Dec., 1941	Decrease	Increase
Newbury	42.9	34.4	8.5	....
New Hamburg	631.6	658.4	....	26.8
Newmarket	1,831.4	1,931.3	....	99.9
New Toronto	10,436.5	11,248.7	....	812.2
Niagara Falls	11,686.3	11,605.9	80.4	....
Niagara-on-the-Lake	930.3	1,085.8	....	155.5
North York Township	6,669.4	8,655.6	....	1,986.2
Norwich	431.6	460.0	....	28.4
Oakville	1,075.1	1,203.7	....	128.6
Oil Springs	218.8	213.3	5.5	....
Otterville	172.1	125.5	46.6	....
Palmerston	591.0	628.5	....	37.5
Paris	1,795.9	2,083.1	....	287.2
Parkhill	211.0	234.4	....	23.4
Petrolia	1,212.1	1,206.5	5.6	....
Plattsville	105.4	140.3	....	34.9
Point Edward	1,491.5	1,677.6	....	186.1
Port Colborne	2,230.6	2,298.9	....	68.3
Port Credit	822.0	922.5	....	100.5
Port Dalhousie	1,057.0	1,038.3	18.7	....
Port Dover	515.1	570.9	....	55.8
Port Rowan	104.6	118.3	....	13.7
Port Stanley	1,120.9	1,121.2	....	0.3
Preston	3,504.3	3,961.0	....	456.7
Princeton	143.3	150.0	....	6.7
Queenston	172.4	164.3	8.1	....
Richmond Hill	487.1	513.4	....	26.3
Ridgetown	658.0	709.4	....	51.4
Riverside	1,226.7	1,253.0	....	26.3
Rockwood	128.4	130.0	....	1.6
Rodney	196.2	189.9	6.3	....
St. Catharines	21,407.5	26,757.4	....	5,349.9
St. Clair Beach	106.5	122.6	....	16.1
St. George	150.7	163.0	....	12.3
St. Jacobs	331.1	359.2	....	28.1
St. Marys	1,650.1	1,620.5	29.6	....
St. Thomas	8,433.0	8,495.3	....	62.3
Sarnia	10,386.0	11,880.7	....	1,494.7
Scarborough Township	4,244.2	4,919.5	....	675.3
Seaforth	635.1	799.5	....	164.4
Simcoe	2,752.7	2,750.7	2.0	....
Smithville	250.7	178.6	72.1	....
Springfield	75.2	74.4	0.8	....
Stamford Township—Voted Area	2,724.7	2,815.0	....	90.3
Stoney Creek	217.7	250.1	....	32.4
Stouffville	309.5	304.1	5.4	....
Stratford	8,284.9	7,976.0	308.9	....
Strathroy	1,463.9	1,503.1	....	39.2
Streetsville	191.9	249.0	....	57.1
Sutton	429.1	467.0	....	37.9

NIAGARA SYSTEM—LOADS OF MUNICIPALITIES 1940-1941—Concluded

Municipality	Peak load in horsepower		Change in load	
	July to Dec., 1940	July to Dec., 1941	Decrease	Increase
Swansea	3,368.0	3,707.8	....	339.8
Tavistock	685.5	697.4	....	11.9
Tecumseh	548.8	603.9	....	55.1
Thamesford	235.6	241.3	....	5.7
Thamesville	250.4	281.5	....	31.1
Thedford	138.8	126.8	12.0	....
Thorndale	85.3	94.4	....	9.1
Thorold	2,674.9	2,635.3	39.6	....
Tilbury	796.2	1,062.3	....	266.1
Tillsonburg	1,456.7	1,558.7	....	102.0
*Toronto	379,541.5	381,593.8	....	2,052.3
Toronto Township	2,679.3	2,895.2	....	215.9
Trafalgar Township—Voted Area No. 1	481.9	463.1	18.8	....
Trafalgar Township—Voted Area No. 2	130.5	205.3	....	74.8
Wallaceburg	2,786.9	3,234.6	....	447.7
Wardsville	44.8	43.7	1.1	....
Waterdown	234.0	243.4	....	9.4
Waterford	513.9	569.7	....	55.8
Waterloo	4,573.7	5,288.9	....	715.2
Watford	390.6	422.6	....	32.0
Welland	10,983.9	12,190.0	....	1,206.1
Wellesley	135.1	139.5	....	4.4
West Lorne	205.6	250.1	....	44.5
Weston	4,358.7	4,765.4	....	406.7
Wheatley	194.1	209.8	....	15.7
Windsor	48,461.5	51,967.8	....	3,506.3
Woodbridge	617.4	683.8	....	66.4
Woodstock	7,989.3	8,798.6	....	809.3
Wyoming	94.1	91.3	2.8	....
York Township, East—(See East York Township)	....	....	....	....
York Township, North—(See North York Township)	....	....	....	....
Zurich	122.5	141.1	....	18.6

*York Township load was included in Toronto in 1940, but not in 1941; see below.

NOTE: The yearly peak demands of the individual municipal Hydro utilities and also of the rural power districts do not all occur during the same month of the year nor, for any given municipality or rural power district, do they always occur in the same month in successive years; in nearly all cases however the yearly peak occurs during the second half of the calendar year. For this reason a comparison of the peaks occurring during the second half of the year as shown in the tables of this Section shows most satisfactorily the general trend of the local loads.

LOADS OF NEW MUNICIPALITIES

Municipality	Date connected	Load in horsepower		Change in load	
		Initial	July to Dec., 1941	Decrease	Increase
York Township	Jan. 1, 1941	20,137.1	21,028.1	....	891.0

NIAGARA SYSTEM—RURAL POWER DISTRICT LOADS—1940-1941

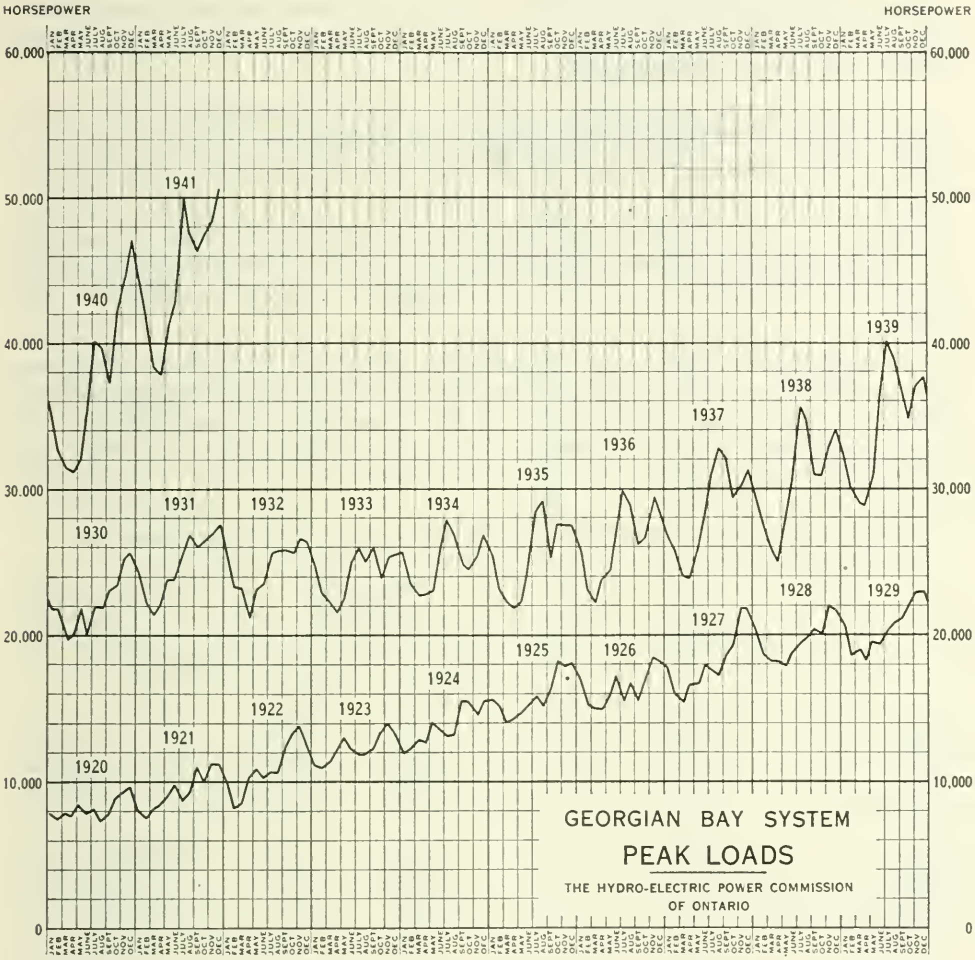
Rural power district	Peak load in horsepower		Change in load	
	July to Dec., 1940	July to Dec., 1941	Decrease	Increase
Acton	25.0	30.0	....	5.0
Ailsa Craig	101.7	101.6	0.1	....
Alvinston	36.0	36.8	....	0.8
Amherstburg	1,164.7	1,048.4	116.3	....
Aylmer	942.1	1,467.4	....	525.3
Ayr	81.5	82.0	....	0.5
Baden	842.4	874.9	....	32.5
Beamsville	2,040.1	2,336.8	....	296.7
Belle River	455.1	454.8	0.3	....
Blenheim	359.7	378.2	....	18.5
Bond Lake	1,878.0	1,935.1	....	57.1
Bothwell	432.7	422.1	10.6	....
Brampton	338.6	435.2	....	96.6
Brant	1,594.5	1,984.5	....	390.0
Brigden	119.4	149.8	....	30.4
Burford	368.2	362.8	5.4	....
Caledonia	987.6	1,316.9	....	329.3
Chatham	1,071.0	1,229.8	....	158.7
Chippawa	188.7	207.9	....	19.2
Clinton	308.6	331.8	....	23.2
Delaware	665.2	741.4	....	76.2
Dorchester	843.4	922.6	....	79.2
Dresden	202.8	219.1	....	16.3
Drumbo	353.4	347.3	6.1	....
Dundas	1,150.2	1,306.6	....	156.4
Dunnville	439.4	573.4	....	134.0
Dutton	263.9	219.0	44.9	....
Elmira	153.4	161.0	....	7.6
Elora	332.9	268.9	64.0	....
Essex	575.3	592.5	....	17.2
Exeter	1,000.2	1,118.6	....	118.4
Forest	227.6	244.8	....	17.2
Galt	453.9	491.1	....	37.2
Georgetown	344.6	400.6	....	56.0
Goderich	687.4	811.9	....	124.5
Grantham	941.8	1,117.0	....	175.2
Guelph	811.4	930.3	....	118.9
Haldimand	1,066.6	1,589.2	....	522.6
Harriston	55.5	60.8	....	5.3
Harrow	1,079.6	1,148.5	....	68.9
Ingersoll	925.1	1,511.9	....	586.8
Jordan	533.1	514.4	18.7	....
Keswick	1,687.9	1,747.9	....	60.0
Kingsville	1,502.0	1,531.1	....	29.1
Listowel	489.3	554.4	....	65.1
London	3,055.6	3,275.0	....	219.4
Lucan	199.8	224.3	....	24.5
Lynden	370.6	402.3	....	31.7
Markham	946.1	1,098.1	....	152.0
Merlin	329.2	351.1	....	21.9

NIAGARA SYSTEM—RURAL POWER DISTRICT LOADS—1940-1941—Concluded

Rural power district	Peak load in horsepower		Change in load	
	July to Dec., 1940	July to Dec., 1941	Decrease	Increase
Milton	413.7	370.9	42.8	
Milverton	234.7	241.3		6.6
Mitchell	509.4	505.0	4.4	
Newmarket	587.2	643.3		56.1
Niagara	955.9	967.8		11.9
Norwich	755.8	809.6		53.8
Oil Springs	160.6	179.9		19.3
Palmerston	185.3	226.2		40.9
Petrolia	138.7	147.5		8.8
Preston	1,871.1	1,997.6		126.5
Ridgetown	677.0	670.5	6.5	
St. Jacobs	479.8	564.3		84.5
St. Marys	799.0	866.7		67.7
St. Thomas	2,255.4	2,501.4		246.0
Saltfleet	1,741.0	1,932.9		191.9
Sandwich	1,984.6	2,319.5		334.9
Sarnia	1,280.6	1,305.8		25.2
Scarborough	968.9	1,321.4		352.5
Seaforth	101.4	114.4		13.0
Simcoe	694.3	763.0		68.7
Stamford	305.6	341.7		36.1
Stratford	376.6	410.7		34.1
Strathroy	359.6	363.3		3.7
Streetsville	701.2	721.2		20.0
Tavistock	533.9	590.8		56.9
Thamesville	281.6	310.2		28.6
Tilbury	492.7	427.8	64.9	
Tillsonburg	843.1	980.6		137.5
Wallaceburg	470.3	535.9		65.6
Walsingham	881.8	940.2		58.4
Walton	270.9	285.7		14.8
Waterdown	1,619.7	1,798.9		179.2
Waterford	600.0	642.9		42.9
Watford	181.2	178.9	2.3	
Welland	2,165.7	2,564.9		399.2
Woodbridge	1,441.8	1,586.9		145.1
Woodstock	1,342.2	1,341.1	1.1	

GEORGIAN BAY SYSTEM

The average primary load of the Georgian Bay system, exceeded that of the previous year by 35.7 per cent. The greater portion of this increase resulted from a comparatively large block of power supplied to the National Defence Industries at Nobel which started operations at the close of the previous year. The maximum primary peak load occurred in July and was 49,897 horsepower. Compared with the July peak load of 1940 it was 24.2 per cent greater.



The Georgian Bay system entered the year with stream flows and water storage reserves well above normal. Favourable water conditions continued up to and through the spring run-off, but a period of low precipitation created a serious water shortage in the system during the summer months. Early fall rains, however, relieved the situation and water conditions at the close of the year were better than normal.

The Hanover frequency-changer station was in constant operation throughout the year, transferring power and energy between the Niagara and Georgian Bay systems. During the summer period, transfers from the Niagara system were maintained at the full overload capacity of the Hanover frequency-changer station in order to conserve water storage reserves in the Georgian Bay system. On June 28, Mount Forest frequency-changer station was placed in operation to further assist in the water conservation programme. This station was operated continuously until September 27, when its assistance was no longer required. During the year, a total transfer of 43,982,000 kilowatt-hours was made to meet the primary needs of the Georgian Bay system. Over the Georgian Bay system's off-peak periods, a surplus of 4,944,200 kilowatt-hours was fed back to the Niagara system, which system had a market for surplus energy.

Assistance was given the Orillia Water, Light and Power Commission to the extent of 84,066 kilowatt-hours from September 29 to the end of the Commission's year, due to low water conditions at the Gull River and Swift Rapids plants.

On October 11 the first unit was placed on commercial load at the newly constructed Big Eddy generating station near Bala. This unit has a capacity of about 5,000 horsepower, and a second unit of the same capacity is being added.

Transmission lines and transformer stations, with few exceptions, operated satisfactorily throughout the year. Of the few failures that occurred, the most serious was the breaking of 118 transmission line poles during a very high wind which was general over the entire system on November 11 and 12, 1940.

GEORGIAN BAY SYSTEM—LOADS OF MUNICIPALITIES—1940-1941

Municipality	Peak load in horsepower		Change in load	
	July to Dec., 1940	July to Dec., 1941	Decrease	Increase
Alliston	404.5	402.4	2.1	....
Arthur	183.8	187.0	....	3.2
Bala	354.4	370.0	....	15.6
Barrie	4,156.0	4,305.6	....	149.6
Beaverton	332.1	339.0	....	6.9
Beeton	157.1	142.3	14.8	....
Bradford	240.8	248.6	....	7.8
Brechin	96.3	90.3	6.0	....
Cannington	225.3	221.1	4.2	....
Carlsruhe	5.0	5.0	....	....
Chatsworth	88.3	103.2	....	14.9
Chesley	636.1	671.1	....	35.0
Coldwater	144.1	152.5	....	8.4
Collingwood	2,090.3	2,565.2	....	474.9
Cookstown	89.6	87.0	2.6	....
Creemore	170.4	160.3	10.1	....
Dundalk	290.9	286.0	4.9	....
Durham	427.0	469.0	....	42.0
Elmvale	192.2	204.7	....	12.5
Elmwood	88.2	78.9	9.3	....
Flesherton	91.6	84.8	6.8	....
Grand Valley	148.7	146.6	2.1	....
Gravenhurst	1,254.5	1,339.5	....	85.0
Hanover	1,352.1	1,434.8	....	82.7
Hepworth	32.8	32.2	0.6	....
Holstein	25.2	24.6	0.6	....
Huntsville	1,276.4	1,325.7	....	49.3
Kincardine	818.1	754.7	63.4	....
Kirkfield	26.0	28.0	....	2.0
Lucknow	308.4	345.8	....	37.4
MacTier	157.0	146.0	11.0	....

GEORGIAN BAY SYSTEM—LOADS OF MUNICIPALITIES—1940-1941—Concluded

Municipality	Peak load in horsepower		Change in load	
	July to Dec., 1940	July to Dec., 1941	Decrease	Increase
Markdale	202.5	203.6		1.1
Meaford	701.6	761.1		59.5
Midland	4,040.6	4,197.1		156.5
Mildmay	143.8	164.3		20.5
Mount Forest	624.9	579.5	45.4	
Neustadt	45.5	44.6	0.9	
Orangeville	719.0	795.9		76.9
Owen Sound	5,249.6	5,209.4	40.2	
Paisley	158.4	157.5	0.9	
Penetanguishene	925.5	1,002.0		76.5
Port Carling	300.0	298.9	1.1	
Port Elgin	529.1	590.5		61.4
Port McNicoll	104.7	99.6	5.1	
Port Perry	302.7	340.7		38.0
Priceville	10.0	10.0		
Ripley	94.8	106.8		12.0
Rosseau	55.3	62.9		7.6
Shelburne	307.2	271.0	36.2	
Southampton	494.5	611.7		117.2
Stayner	322.2	340.4		18.2
Sunderland	91.1	90.6	0.5	
Tara	125.7	122.1	3.6	
Teeswater	184.2	170.0	14.2	
Thornton	39.4	36.8	2.6	
Tottenham	87.2	122.2		35.0
Uxbridge	368.1	386.3		18.2
Victoria Harbour	91.7	121.6		29.9
Walkerton	887.3	975.5		88.2
Waubaushene	167.6	145.2	22.4	
Wiarton	396.5	363.8	32.7	
Windermere	96.2	96.4		0.2
Wingham	616.7	701.8		85.1
Woodville	103.4	105.8		2.4

GEORGIAN BAY SYSTEM—RURAL POWER DISTRICT LOADS—1940-1941

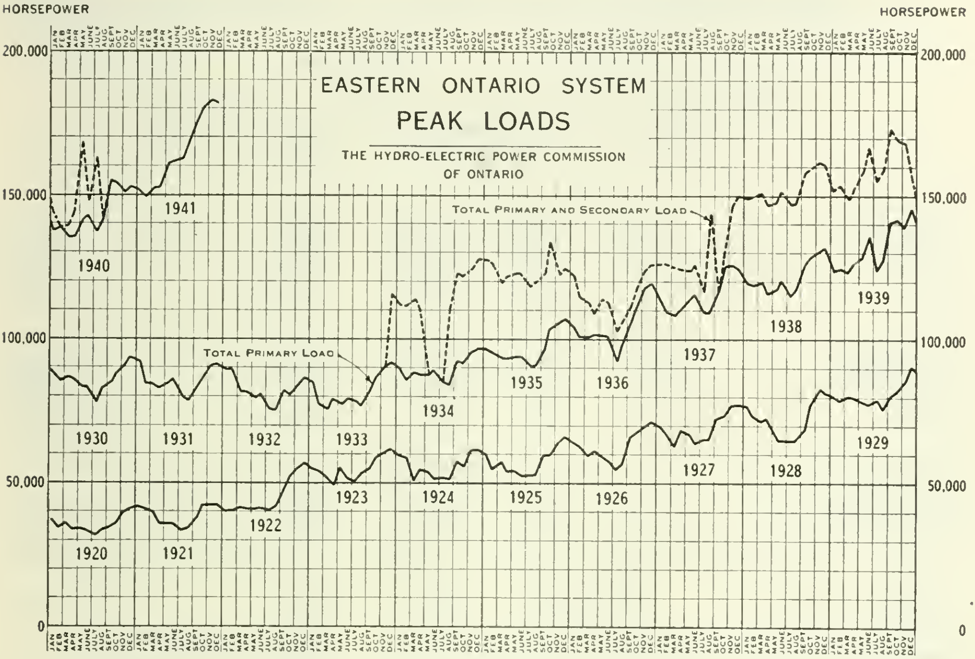
Rural power district	Peak load in horsepower		Change in load	
	July to Dec., 1940	July to Dec., 1941	Decrease	Increase
Alliston	208.8	229.5		20.7
Arthur	65.8	80.4		14.6
Bala	613.8	734.3		120.5
Barrie	837.9	882.7		44.8
Baysville	252.5	254.7		2.2
Beaumaris	647.9	720.9		73.0
Beaverton	498.7	516.3		17.6
Beeton	5.0	8.0		3.0
Bradford	145.6	152.1		6.5
Bruce	439.8	465.4		25.6

GEORGIAN BAY SYSTEM—RURAL POWER DISTRICT LOADS—1940-1941 —Concluded

Rural power district	Peak load in horsepower		Change in load	
	July to Dec., 1940	July to Dec., 1941	Decrease	Increase
Buckskin	36.0	34.0	2.0	....
Cannington	126.1	130.2	....	4.1
Chatsworth	30.9	32.5	....	1.6
Cookstown	5.0	7.5	....	2.5
Creemore	184.8	255.9	....	71.1
Dundalk	46.8	59.4	....	12.6
Elmvale	132.0	136.0	....	4.0
Flesherton	68.3	68.3	....	....
Gravenhurst	123.9	149.4	....	25.5
Hawkestone	300.3	301.6	....	1.3
Holstein	24.4	29.2	....	4.8
Huntsville	369.0	452.1	....	83.1
Innisfil	1,054.4	1,117.7	....	63.3
Kirkfield	54.5	64.8	....	10.3
Lucknow	25.9	28.2	....	2.3
Mariposa	286.9	309.0	....	22.1
Markdale	76.2	67.9	8.3	....
Meaford	191.7	194.6	....	2.9
Medonte	319.5	342.9	....	23.4
Midland	611.6	706.6	....	95.0
Mount Forest	28.8	30.5	....	1.7
Neustadt	96.2	119.4	....	23.2
Nottawasaga	74.9	71.8	3.1	....
Orangeville	215.6	179.8	35.8	....
Owen Sound	163.6	209.7	....	46.1
Port Perry	301.9	328.0	....	26.1
Ripley	176.2	206.8	....	30.6
Sauble	196.9	278.1	....	81.2
Shelburne	76.3	96.9	....	20.6
South Falls	30.0	27.0	3.0	....
Sparrow Lake	436.7	399.2	37.5	....
Tara	172.8	186.5	....	13.7
Thornton	36.5	38.0	....	1.5
Tottenham	32.5	34.5	....	2.0
Utterson	264.9	279.1	....	14.2
Uxbridge	199.3	185.0	14.3	....
Wasaga Beach	1,109.7	1,183.0	....	73.3
Wroxeter	277.4	290.9	....	13.5

EASTERN ONTARIO SYSTEM

The substantial increase in the primary load recorded for the Eastern Ontario system the previous year, continued at an increasing rate through the year just past, rising to 180,650 horsepower in October. This was the largest load ever carried on this system and exceeded the October peak of the previous year by 17.1 per cent. The average primary load, when compared



with the previous year, was 18 per cent greater. From May 24 to the end of September, a small amount of seasonal power was supplied to the Aluminum Company of Canada at Kingston for electric steam boiler operation.

The growth in primary load this year on the Eastern Ontario system surpassed the resources of the system, and such shortages as occurred in power and energy were supplied by the Niagara system, either through the frequency-changer station at Chats Falls or by arrangement with the Quebec power companies for delivery of 60-cycle power to the Eastern Ontario system in lieu of 25-cycle power to the Niagara system under the 25-cycle power agreements. Over certain off-peak periods, especially during the first half of the year, surplus energy was available on the Eastern Ontario system and this was transferred to the Niagara system for sale in its markets. Thus the two systems have been operated to the mutual advantage of both.

Stream flow conditions on the rivers in the Eastern Ontario system, although subnormal during the late summer and early fall months, were on the average for the year above normal. Compared with the previous year, the output of the Commission-owned generating stations in the system was 12 per cent greater. Due to increasing demands for power, the standby generating stations at Young's Point, Carleton Place and Douro were placed in full-time operation in September. Ice conditions caused no serious trouble at the generating stations during the winter.

Operation of the transmission lines and transformer stations was satisfactory. Few failures occurred and service to all customers was maintained at a high level throughout the year. A number of new stations was added and the capacity of many of the existing stations was increased to meet the rapid growth in load.

EASTERN ONTARIO SYSTEM—LOADS OF MUNICIPALITIES—1940-1941

Municipality	Peak load in horsepower		Change in load	
	July to Dec., 1940	July to Dec., 1941	Decrease	Increase
Alexandria	241.2	262.3	....	21.1
Apple Hill	53.1	51.3	1.8	....
Arnprior	1,079.1	1,124.6	....	45.5
Athens	133.8	154.4	....	20.6
Bath	47.6	49.7	....	2.1
Belleville	6,655.3	7,052.7	....	397.4
Bloomfield	145.6	153.3	....	7.7
Bowmanville	2,722.1	2,968.8	....	246.7
Braeside	281.9	381.4	....	99.5
Brighton	392.7	416.7	....	24.0
Brockville	4,443.8	4,802.9	....	359.1
Cardinal	364.5	354.7	9.8	....
Carleton Place	1,931.2	1,989.1	....	57.9
Chesterville	301.9	326.5	....	24.6
Cobden	83.6	92.8	....	9.2
Cobourg	2,357.2	2,383.6	....	26.4
Colborne	231.4	241.8	....	10.4
Deseronto	165.5	191.8	....	26.3
Finch	116.5	112.4	4.1	....
Frankford	158.6	167.2	....	8.6
Hastings	116.9	118.6	....	1.7
Havelock	176.0	156.0	20.0	....
Iroquois	301.2	309.6	....	8.4
Kemptville	378.7	441.7	....	63.0
Kingston	11,023.1	13,779.3	....	2,756.2
Lakefield	313.0	357.9	....	44.9
Lanark	94.0	103.1	....	9.1
Lancaster	54.7	56.1	....	1.4
Lindsay	3,386.9	3,810.6	....	423.7
Madoc	217.7	210.5	7.2	....
Marmora	152.0	155.2	....	3.2
Martintown	38.1	42.9	....	4.8
Maxville	113.4	119.6	....	6.2
Millbrook	93.3	96.7	....	3.4
Morrisburg	210.9	328.3	....	117.4
Napanee	1,295.8	1,539.0	....	243.2
Newburgh	46.9	53.3	....	6.4
Newcastle	218.0	223.3	....	5.3
Norwood	178.4	168.7	9.7	....
Omemee	225.7	248.4	....	22.7
Orono	108.0	102.3	5.7	....
Oshawa	18,786.2	20,053.3	....	1,267.1
Ottawa	33,585.8	35,107.2	....	1,521.4
Perth	1,633.4	1,787.5	....	154.1
Peterborough	11,143.5	12,773.7	....	1,630.2
Picton	1,198.9	1,277.2	....	78.3
Port Hope	2,430.1	2,500.7	....	70.6
Prescott	1,203.7	1,272.8	....	69.1
Richmond	74.1	74.8	....	.7
Russell	93.1	76.2	16.9	....

EASTERN ONTARIO SYSTEM—LOADS OF MUNICIPALITIES—1940-1941—Concluded

Municipality	Peak load in horsepower		Change in load	
	July to Dec., 1940	July to Dec., 1941	Decrease	Increase
Smiths Falls	2,555.5	2,833.1		277.6
Stirling	320.6	314.7	5.9	
Trenton	4,366.2	5,034.8		668.6
Tweed	343.5	266.2	77.3	
Warkworth	86.5	86.1	.4	
Wellington	230.2	244.0		13.8
Westport	109.6	105.9	3.7	
Whitby	1,387.7	1,548.8		161.1
Williamsburgh	149.1	149.7		.6
Winchester	378.5	381.4		2.9

EASTERN ONTARIO SYSTEM—RURAL POWER DISTRICT LOADS—1940-1941

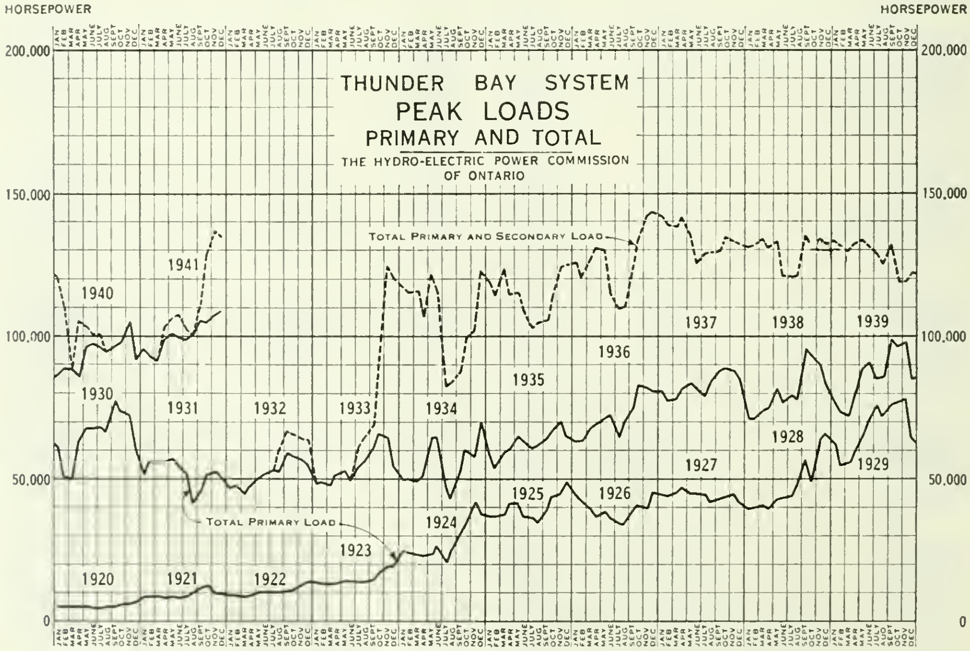
Rural power district	Peak load in horsepower		Change in load	
	July to Dec., 1940	July to Dec., 1941	Decrease	Increase
Alexandria	125.7	143.2		17.5
Arnprior	554.8	526.5	28.3	
Belleville	676.5	848.1		171.6
Bowmanville	172.3	178.9		6.6
Brighton	32.8	34.4		1.6
Brockville	670.2	696.6		26.4
Calabogie	69.7	48.3	21.4	
Campbellford	152.6	148.7	3.9	
Carleton Place	86.0	159.1		73.1
Chesterville	510.9	595.4		84.5
Cobourg	582.3	622.5		40.2
Colborne	192.5	203.6		11.1
Cornwall	37.9	46.3		8.4
Fenelon Falls	478.1	635.3		157.2
Iroquois	361.3	422.9		61.6
Kemptville	48.6	43.3	5.3	
Kingston	1,225.1	1,620.6		395.5
Lakefield	327.1	333.9		6.8
Madoc	76.3	93.0		16.7
Marmora	16.0	10.0	6.0	
Martintown	208.2	218.0		9.8
Maxville	541.0	610.7		69.7
Millbrook	120.0	124.5		4.5
Minden	190.3	201.0		10.7
Napanee	546.0	590.4		44.4
Nepean	1,748.8	1,857.4		108.6
Newcastle	146.3	133.5	12.8	
Norwood	78.2	91.3		13.1
Omemee	35.0	40.0		5.0
Oshawa	1,464.5	1,821.2		356.7

EASTERN ONTARIO SYSTEM—RURAL POWER DISTRICT LOADS—1940-1941 —Concluded

Rural power district	Peak load in horsepower		Change in load	
	July to Dec., 1940	July to Dec., 1941	Decrease	Increase
Pembroke	654.4	1,003.7	....	349.3
Perth	216.5	239.0	....	22.5
Peterborough	967.9	1,025.6	....	57.7
Prescott	269.5	294.8	....	25.3
Renfrew	146.1	185.0	....	38.9
Smiths Falls	435.5	405.5	30.0	....
Stirling	169.0	213.9	....	44.9
Sulphide	131.6	138.8	....	7.2
Trenton	268.5	282.8	....	14.3
Warkworth	44.9	57.2	....	12.3
Wellington	837.0	1,191.9	....	354.9
Williamsburgh	109.0	106.6	2.4	....

THUNDER BAY SYSTEM

The primary load of the Thunder Bay system rose from 97,855 horsepower in the previous year to 105,563 horsepower, an increase of 7.9 per cent. The average primary load compared with the previous year was 6.4 per cent greater. Because of subnormal inflow to lake Nipigon, the output of the



generating stations on the Nipigon river was limited to primary power requirements until October 1941 when, as a result of a rapid rise in the elevation of lake Nipigon, water became available for the production of energy for electric steam boiler operation at the paper companies served by this system.

The precipitation in the watershed supplying the Nipigon river plants was 29.23 inches, being above average for this district. The elevation of lake Nipigon on October 31, 1941, was 852.84 as compared with 849.33 the same date in 1940.

Arrangements similar to those existing in previous years were continued in 1941 whereby the paper companies under the control of the Abitibi Power and Paper Company were permitted to transfer power for electric steam boiler operation from the Kaministiquia Power Company, a subsidiary of the Abitibi Power and Paper Company, through the Commission's transformers and over the Commission's transmission circuits. However, due to the unfavorable water conditions in the Nipigon lake area, parallel operation with the Kaministiquia Power Company was intermittent until October when improvement in water conditions made continuous transfer of power possible.

No serious failure to any equipment in this system occurred and service to all customers was well maintained throughout the year.

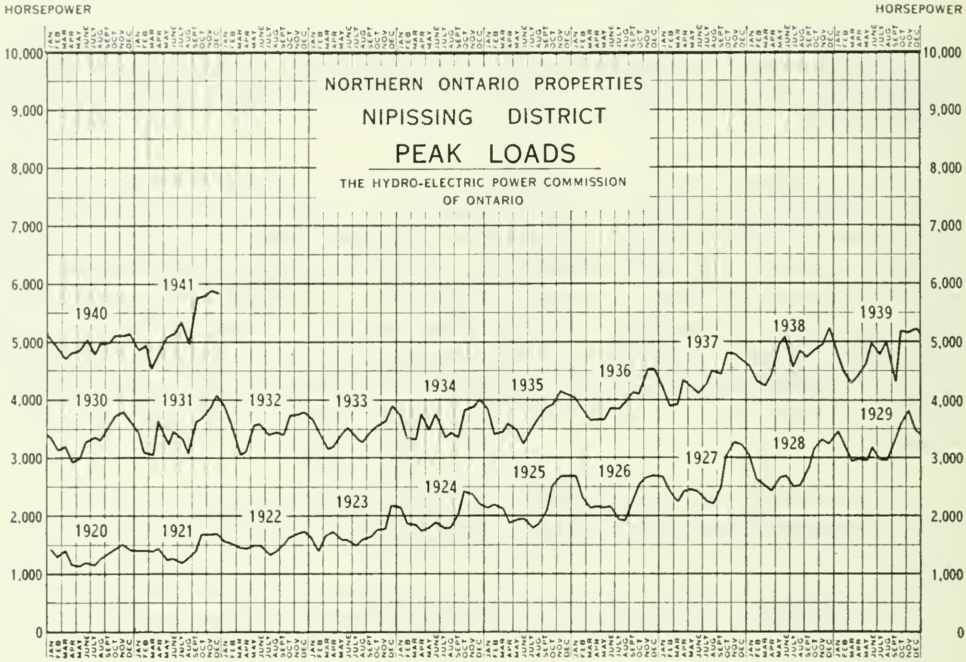
THUNDER BAY SYSTEM—LOADS OF MUNICIPALITIES—1940-1941

Municipality	Peak load in horsepower		Change in load	
	July to Dec., 1940	July to Dec., 1941	Decrease	Increase
Beardmore	137.3	122.9	14.4	....
Fort William	15,194.3	16,438.3	....	1,244.0
Geraldton Township	690.3	719.4	....	29.1
Nipigon Township—Voted Area	201.7	217.9	....	16.2
Port Arthur	45,384.5	47,133.8	....	1,749.3

THUNDER BAY SYSTEM—RURAL POWER DISTRICT LOADS—1940-1941

Rural power district	Peak load in horsepower		Change in load	
	July to Dec., 1940	July to Dec., 1941	Decrease	Increase
Nipigon	6.0	6.0	....	....
Thunder Bay	586.0	685.7	....	99.7

NORTHERN ONTARIO PROPERTIES



Nipissing District

The average load of the Nipissing district was up by 9.7 per cent. The maximum peak load was 5,791 horsepower, exceeding the October peak load of the previous year by 13.1 per cent.

Water conditions in this district averaged about normal. Except during the spring run-off in April and May, water storage and natural river flow were insufficient to generate the total power requirements and it was necessary to transfer power from the Sudbury district.

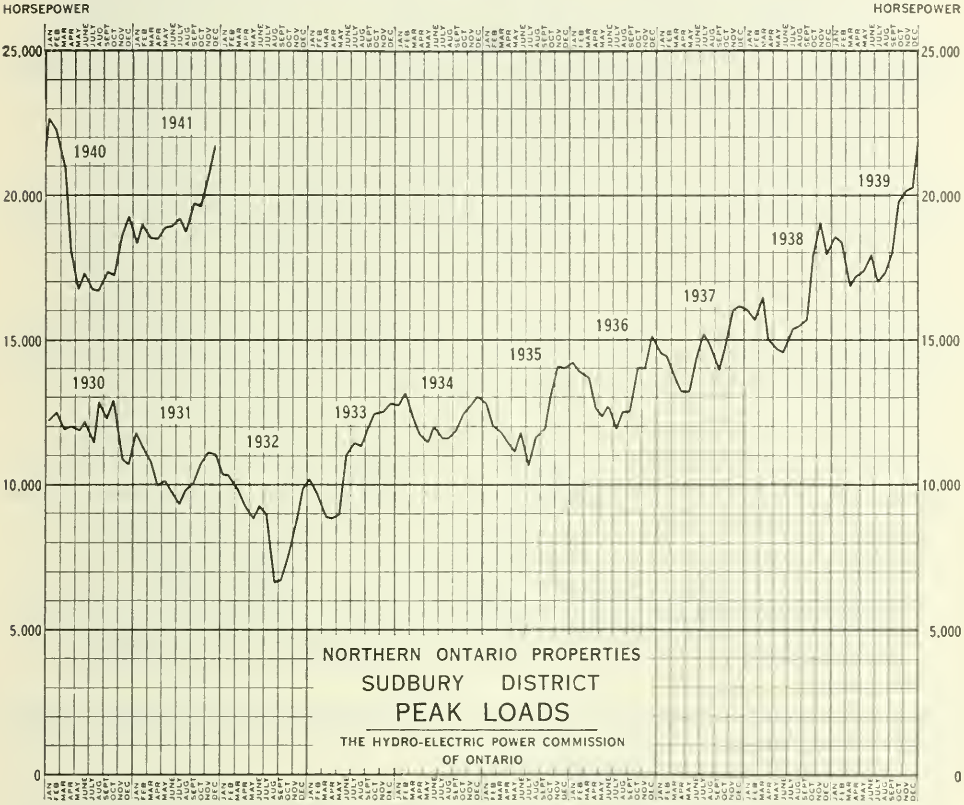
Manitoulin District

Load growth in the Manitoulin district has exceeded that of any previous year. The peak load rose from 386 horsepower in 1940 to 589 horsepower in September 1941. This large increase resulted chiefly from the incorporation of the load of Little Current previously served by a private power company.

Operating conditions were normal throughout the year. The Manitoulin Pulp Company, from whom power is purchased to supply this district, had to enlarge its plant to provide for the increase in load.

Sudbury District

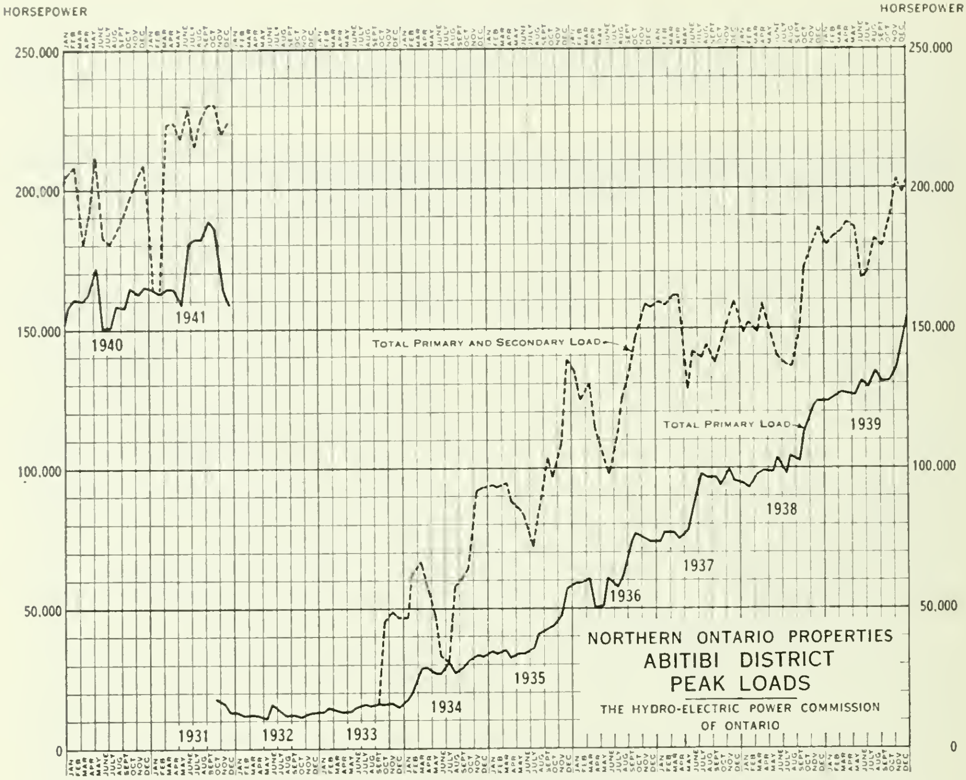
In the Sudbury district, the increase in the average load was only 2.8 per cent. This small increase reflects higher than normal load early in 1940 when a substantial block of power was supplied temporarily to the Huronian Company to augment the output of its plants during a period of low river flow. A better indication of load growth in this district is given by the October peak loads which rose from 17,208 horsepower in 1940 to 19,597 horsepower in 1941, an increase of 13.9 per cent.



Water conditions were above normal in the Sudbury district throughout the year and no difficulties were encountered in meeting all load demands and in transferring a substantial amount of energy to the Nipissing district.

Abitibi District

The phenomenal rate of growth which characterized the primary load of the Abitibi district for several years, slowed down in 1941. Compared with the previous year, the average primary load was 8.4 per cent greater. In the three preceding years the growth averaged about 25 per cent annually. The supply of surplus power for electric steam boiler operation at the paper mills of the Abitibi Power and Paper Company was restricted during the first half of the year. An interchange arrangement with the above company was used to advantage in the conservation of water during this period.



The spring run-off was adequate to fill all storage basins and, with heavy rains during the latter part of the year, more water was available than could be used at the Canyon generating station.

Operation of the Canyon generating station and all transmission lines and transformer stations was in general satisfactory throughout the year.

Patricia District

The average load of the Patricia district* exceeded that of the previous year by 24.5 per cent. The peak load reached a maximum in July of 18,070 horsepower, being 27.2 per cent greater than in the previous year.

From the commencement of the year to February 1, the use of water at the Rat Rapids generating station was restricted in order to maintain levels in lake St. Joseph. Heavy precipitation in September resulted in flows at Ear Falls generating station that caused high tail water and consequently reduced the output at this plant. Otherwise water conditions in this district were satisfactory.

On August 6, lightning entered No. 1 generating station at Rat Rapids development, causing a fire which completely destroyed this plant.

Initial delivery of at-will power was made to the Dryden Paper Company on January 30 over a 21-mile, 44,000-volt line constructed by the customer.

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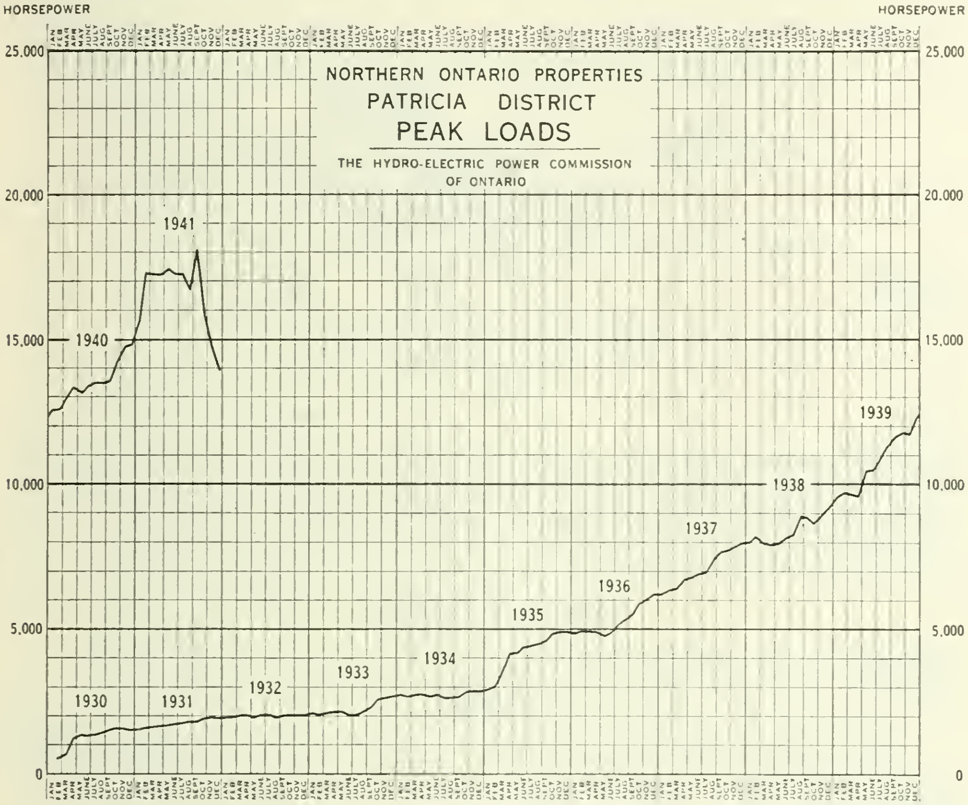
*Previously known as Patricia-St. Joseph district.



NORTHERN ONTARIO PROPERTIES—LOADS OF MUNICIPALITIES—1940-1941

Municipality	Peak load in horsepower		Change in load	
	July to Dec., 1940	July to Dec., 1941	Decrease	Increase
NIPISSING DISTRICT				
Callander	154.2	138.5	15.7	
Nipissing	3.0	3.0		
North Bay	4,133.2	4,664.1		530.9
Powassan	148.0	157.1		9.1
SUDBURY DISTRICT				
Capreol	247.2	256.3		9.1
Sudbury	9,276.7	10,030.6		753.9
ABITIBI DISTRICT				
Hislop Townshite	59.1	63.3		4.2
Kearns Townsite	108.8	147.2		38.4
King Kirkland Townsite	46.8	39.1	7.7	
Matachewan Townsite	226.5	246.4		19.9
Mooretown	50.9	49.5	1.4	
Ramore-Matheson	137.5	139.0		1.5
PATRICIA DISTRICT				
Hudson	91.4	93.3		1.9
Red Lake Distribution	161.7	209.4		47.7
Sioux Lookout	318.5	352.5		34.0
Cottage Cove Townsite	21.8	38.1		16.3

NORTHERN ONTARIO PROPERTIES—RURAL POWER DISTRICT LOADS—1940-1941

Rural power district	Peak load in horsepower		Change in load	
	July to Dec., 1940	July to Dec., 1941	Decrease	Increase
NIPISSING DISTRICT				
North Bay	440.1	580.0	....	139.9
Powassan	77.0	87.9	....	10.9
MANITOULIN DISTRICT				
Manitoulin	386.0	589.0	....	203.0
SUDBURY DISTRICT				
Sudbury	443.7	639.5	....	195.8
ABITIBI DISTRICT				
Connaught	138.5	332.2	....	193.7

MISCELLANEOUS

Forestry

The Forestry division continued its regular transmission and rural-line clearing operations to protect the Commission's plant and service from tree interference.

The year's maintenance operations involved treatment of 90,800 trees and 3,111 pole spans of underbrush spread over 2,365 miles of power transmission, telephone and rural distribution lines.

Tree clearance was also obtained for approximately 29 miles of line in connection with the construction of new transmission and rural lines and the rehabilitation of certain existing lines. This work necessitated the treatment of 1,122 trees.

Line clearing operations were performed for fourteen municipal Hydro systems in the Niagara, Georgian Bay and Eastern Ontario systems. This work involved treatment of 3,059 trees spread over 38 mines of local primary and secondary lines.

SECTION III

MUNICIPAL WORK

THE Commission acts in an advisory capacity to the municipalities with which it has contracts, and assists municipal officials to purchase, construct or extend distribution systems. As provided under *The Power Commission Act*, all rate adjustments are approved by the Commission, therefore, a study of the operating conditions of all utilities is made annually and adjustments recommended.

In rural power districts, the Commission on behalf of the township corporations operates the rural power systems and distributes electrical energy to the customers of the respective corporations in all such rural power districts.

NIAGARA SYSTEM

Under the terms of contracts entered into during the fiscal year 1938, the Commission took delivery during the year of the following additional amounts of power from:

	Horsepower
Beauharnois Light, Heat and Power Company and Coteau Rapids Transmission Company Limited	50,000
Maclaren-Quebec Power Company and The James Maclaren Company Limited	20,000
Total additional power taken	70,000
A further agreement was completed with the Maclaren-Quebec Power Company for the delivery of 57,500 horsepower for the duration of the war	57,500
	127,500

The total average load sold to all customers, including war industries, showed an increase of 21.2 per cent. Loads in urban municipalities increased by 8.5 per cent and in rural power districts by 14.5 per cent.

Engineering Assistance to Municipalities

General engineering assistance was given to nearly all municipalities of the Niagara system respecting the operation and management of their local Hydro utilities.

Certain municipalities received special engineering advice and assistance respecting matters which are more fully referred to below:

Brantford—The changeover from 60- to 25-cycle supply was completed. Substation capacities also were increased.

Burford—The capacity of the distribution system was increased.

East York Township—Primary feeders from a third distributing station were provided. These local stations now supply about two-thirds of the total power demand, the Toronto Hydro-Electric System continuing to supply the balance pending the installation of two additional stations when the entire requirements of East York township will be supplied from local stations.

Elmira—Three 200-kv-a, 2,200/550-volt power transformers were purchased and installed to supply a new industrial load.

Georgetown—A building on the main street was purchased and remodelled for use as a local Commission office.

Grimsby—Remodelling of the distribution system for supply of 25-cycle power was completed. Information has also been supplied regarding the purchase of the local system by the municipality.

Kitchener—The new unit-type substations purchased last year were installed and will be in operation early in 1942.

London—A new 13,200-volt line was constructed to supply a new substation of 500-kv-a capacity which will supply loads south of the river.

Two additional 300-kv-a, 13,200-volt underground substations were installed to give service at 120/208 volts to the downtown network.

The second water-heater current-carrier control system was installed to operate from the Central Avenue substation. This will now take 500 horsepower off peak and have an ultimate control capacity of 1,000 horsepower.

London Township—A pilot-control system was installed at a cost of approximately $1,600. This will control 113 water heaters.

Merritton—Increased transformer capacity was arranged for to supply war loads.

Mimico—Arrangements were made for an improved power supply and additional primary circuits.

New Toronto—Additional primary feeders to supply increased power demands were provided, a portion of these will be placed underground.

Niagara Falls—Two additional substations were constructed to improve the capacity of the distribution system.

Niagara-on-the-Lake—Plans were submitted for the remodelling of the distribution system and increasing the substation capacity.

North York Township—Owing to the rapid growth in both domestic and industrial demands additional primary circuits were provided.

Paris—Additions were made to the substation.

St. Catharines—Negotiations were completed for the purchase by the St. Catharines Public Utilities Commission of the Lincoln Electric System.

To take care of increased industrial loads a new substation and increased system capacity were provided.

St. Marys—The capacity of the municipal substation was increased by the installation of an additional 750-kv-a, three-phase, 13,200/2,220-volt transformer, and three new 2,200-volt oil switches were installed on the switchboard.

St. Thomas—A new 13-200-volt feeder line and a new substation of 600 kv-a capacity were installed to give service to an industrial firm.

Sarnia—Additional capacity was provided by the installation of one 3,000-kv-a transformer in substation No. 2.

Stratford—One and one-half miles of three-phase, 26,400-volt armoured cable were installed by the local Commission, between the Commission's high-tension station and the municipal substation.

A 1,500-kv-a, three-phase transformer was purchased, also additional substation equipment.

Streetsville—Arrangements were made for increasing line and transformer capacity to provide for the growing commercial and domestic lighting demands.

Tilbury—Work was completed on a new Hydro office and stores building situated on the main business street of the town. Approval for an expenditure of $10,000 of the surplus funds of the local Commission was granted early in the year.

Tillsonburg—The low-tension portion of the local municipal substation was completely overhauled and new breakers and switches installed.

Welland—Operating conditions in No. 1 station and in the distribution system were improved in order to supply war loads.

Weston—Power supply was changed from 13,200 to 26,400 volts and additional station capacity was provided for some of the larger power users.

Windsor—To improve the service to consumers and to provide capacity for increased load for the manufacture of war munitions, work was commenced on two new substations; one in the west, having a capacity of 6,000 kv-a, and the other in the easterly part of the city, having a capacity of 9,000 kv-a.

Woodstock—The voltage was changed from 13,200 to 26,400 volts. A new 750-kv-a, 26,400-volt, step-down station was installed to serve a large industrial firm.

York Township—The management of the distribution system was taken over from the Toronto Hydro-Electric System as of January 1, 1941, and assumed by the Township Council. A staff had been organized for this purpose and housed temporarily, pending the construction of a new office building. Some assistance was given in establishing this organization and arranging for power supply to the larger users.

GEORGIAN BAY SYSTEM

The new power developments, at Big Eddy, on the Muskoka river, with an installed capacity of 10,000 horsepower, was placed in operation at the beginning of the year. Due to load increase on the system and to low precipitation and resultant restricted stream flow throughout the district affecting the output of the other generating plants, the full capacity of this additional source of supply was taken up immediately.

The total average load sold to all customers, including war industries, showed an increase of 24.9 per cent. Loads in urban municipalities increased by 9.3 per cent and rural power districts by 11 per cent.

General engineering assistance was given to all urban municipalities of the Georgian Bay system respecting the operation and management of their local Hydro utilities. Certain municipalities received special assistance respecting matters briefly mentioned below:

Creemore—Plans were prepared, submitted and approved, and funds appropriated covering a complete rehabilitation of the local distribution system.

Grand Valley—The local distribution system was extended to serve a large industrial consumer. The controls for the street-lighting system were re-arranged.

Thornton—A complete rehabilitation of the local distribution system was made.

EASTERN ONTARIO SYSTEM

The rapid increase in load growth that began in 1940, chiefly on account of industrial requirements for the manufacture of munitions, continued throughout 1941.

The total average load sold to all customers, including war industries, increased 14.4 per cent. Loads in urban municipalities increased 9.3 per cent and in rural power districts by 22.5 per cent.

All of the available power resources of the Eastern Ontario system were utilized to their full capacity to meet the requirements of this system's customers, and throughout the year an additional supply was obtained from the Niagara system through the frequency-changer at Chats Falls. The full capacity of the new generating plant, now under construction at Barrett Chute will be required when the plant is ready for service. This is expected to be in the summer of 1942.

Engineering assistance was given to municipalities in connection with the operation and management of their local Hydro utilities. Increased transformer installations were needed by many. Certain municipalities received special engineering advice and assistance regarding matters referred to below:

Kingston—Plans for a new substation and for changes and additions to the distribution system were made. A new contract was drawn up for power supply to a war industry.

Lancaster—Extensive re-construction of the distribution system was undertaken.

Martintown—Specifications and estimates were prepared for the re-construction of portions of the distribution system.

Napanee—The Public Utilities Commission is installing high-frequency control of flat-rate water heaters throughout the town.

Oshawa—Arrangements were made for additional capacity at 4,000 volts in the new transformer station and for duplicate supply lines to a large industry.

Peterborough—Increasing war loads have greatly added to the amount of power taken by this municipality and have necessitated large expenditures on the local distribution system. Wartime Housing Limited are constructing a large number of houses for war workers, for which extensive additions to the distribution system were made.

Smiths Falls—Improvements were made to the local substation and to the power supply to a war industry.

Trenton—The Public Utilities Commission is installing a 750-kv-a substation to serve the eastern portion of the town.

THUNDER BAY SYSTEM

In the Thunder Bay system large blocks of power are being utilized for munitions and shipbuilding purposes at Port Arthur and Fort William, and although the grain trade has been curtailed, the pulp and paper industry which utilizes about fifty per cent of the system power, has changed from part-time to full-time operation. The net result is a substantial increase in the energy and peak demands on the system.

Due to heavy rainfalls in the Nipigon watershed during the late summer and fall months, stream flow conditions on the Nipigon river improved to such an extent that the Commission was able to resume the sale of surplus power for electric-steam generation at pulp and paper mills, previously curtailed on account of low water conditions, in consequence of which all of the generating equipment at the Nipigon developments was loaded to capacity during the latter portion of the year. Thus, there has been a considerable increase in load sold over the previous year, amounting to 6.9 per cent.

Engineering assistance concerning local operating problems was given to the Port Arthur, Fort William and Nipigon village Commissions, and all the operating mines in the district were visited periodically for the purpose of rendering assistance in power supply problems.

Special assistance was rendered as follows:

Fort William—Plans were submitted for changing the local distribution system from 2,300 volts "delta" to 2,300/4,000 volts "Y", and also concerning the construction of a feeder to serve a large munition plant.

Nipigon Village—Rehabilitation of the local distribution system to provide for load growth and better service to consumers, was carried out by the Thunder Bay district rural staff.

NORTHERN ONTARIO PROPERTIES

The total load sold in the area served by the Northern Ontario Properties was 209,897 horsepower, an increase of 20,124 horsepower or 10.6 per cent over the previous year.

The Northern Ontario Properties is concerned chiefly with the supply of power to mining areas and to communities dependent upon the mines. The cities of North Bay and Sudbury and the towns of Capreol and Sioux Lookout own and operate their own local distribution systems, purchasing power from the Commission at fixed rates.

Engineering assistance concerning power supply problems was given to these cities and towns, and the various mining properties were periodically visited during the year for the same purpose.

Nipissing District

The load increase in this district over the previous year was 7.2 per cent.

Sudbury District

The load increase in the Sudbury district was 1.5 per cent, but the city load increased 3 per cent over the previous year.

Abitibi District

The total load sold in this district was 168,123 horsepower, an increase of 15,698 horsepower or 10.3 per cent over the previous year.

Patricia District

Due to the closing down of all operations at the Howey and Gold Eagle mines in the Red Lake mining area the load sold in this district was considerably affected. The sale of power to the Dryden Paper Company, however, which was supplied for the first time during the year, together with load increases by various other mines served resulted in an actual increase of 27.3 per cent over the previous year.

RURAL ELECTRICAL SERVICE
IN ONTARIO

DURING the year 1941, the Commission was unable to undertake large rural extensions, due to the necessity of conserving construction material for war purposes. Near the end of the year most rural construction closed, except where service was required in connection with war industries. However, before these more complete restrictions were made effective, service was given from existing primary lines and short extensions to a substantial number of rural consumers.

The land area of the Province of Ontario extends over a vast territory of 363,282 square miles, of which about 35,700 square miles are occupied for agriculture. The total rural population in the area served by The Hydro-Electric Power Commission, or in adjacent areas within transmission distance of the Commission's power supply, is approximately 1,100,000.

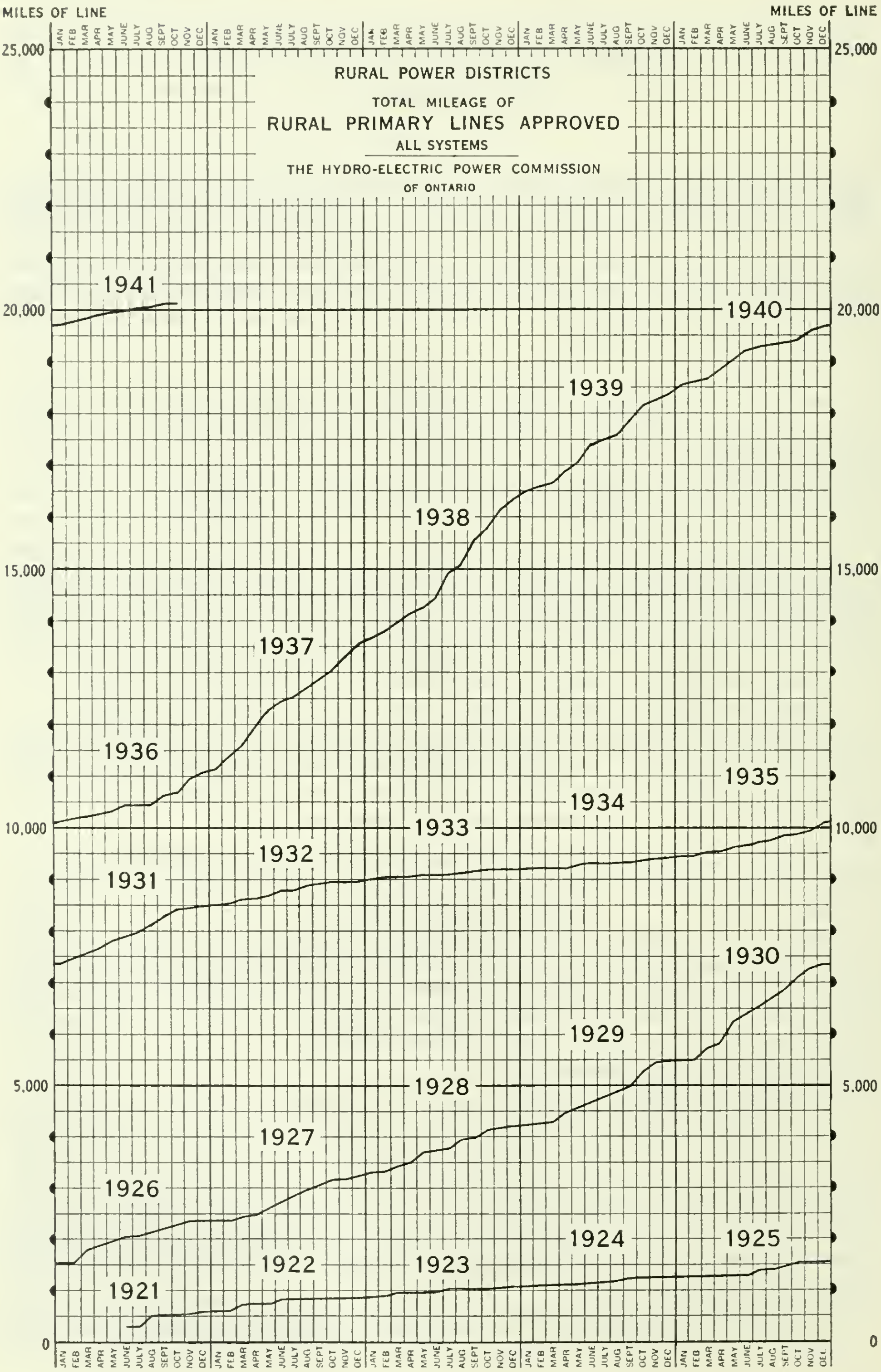
There are 184 operating rural power districts, and power is delivered to approximately 131,500 rural consumers, comprising farms and dwellings in various groups. The consumers are situated in 434 organized townships; 21 unorganized townships and 119 police villages, villages and towns, and are served over a network of rural primary lines which aggregate 20,104 miles. In addition to the 455 townships served by rural power districts, 10 townships are served jointly by rural power districts and voted areas.

During the past year the mileage of rural line extensions approved for construction in rural power districts in Ontario was 631. In all, 8,502 consumers were added. The aggregate load supplied to all rural Hydro consumers, including war industries in rural areas, in the Province amounted to 81,317 horsepower, an increase of 16.2 per cent over 1940.

Census data indicate that there are approximately 200,000 farms in Ontario, varying from one acre to six hundred acres, or larger. It would be erroneous however, to conclude that hydro-electric service will eventually extend to such a number of farms. Approximately ten per cent of these are very small, and service to them, if available, is supplied by the Commission under rates applicable to non-farm classes. There are also large numbers of farms jointly owned and tenanted, some having no residential buildings on them, and there are also a large number situated in remote districts out of reach of Hydro lines and stations.

During the period that the regulations respecting service to rural consumers required a minimum of three farm contracts per mile of primary line, the Commission made surveys in various parts of the Province and estimated that approximately 75,000 standard or large farms would comprise the probable ultimate total of farms that could be served on this basis. Since that time new regulations have been made permitting service on the basis of two farms per mile, which necessarily has increased the number of additional farms that may be served.

Due to war conditions, it is anticipated, that the construction of rural primary lines during the coming year will be practically discontinued.


RURAL POWER DISTRICTS
TOTAL MILEAGE OF
RURAL PRIMARY LINES APPROVED
ALL SYSTEMS
THE HYDRO-ELECTRIC POWER COMMISSION
OF ONTARIO
MILES OF LINE
25,000
20,000
15,000
10,000
5,000
0
JAN FEB MAR APR MAY JUNE JULY AUG SEPT OCT NOV DEC
1921
1922
1923
1924
1925
1926
1927
1928
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1930
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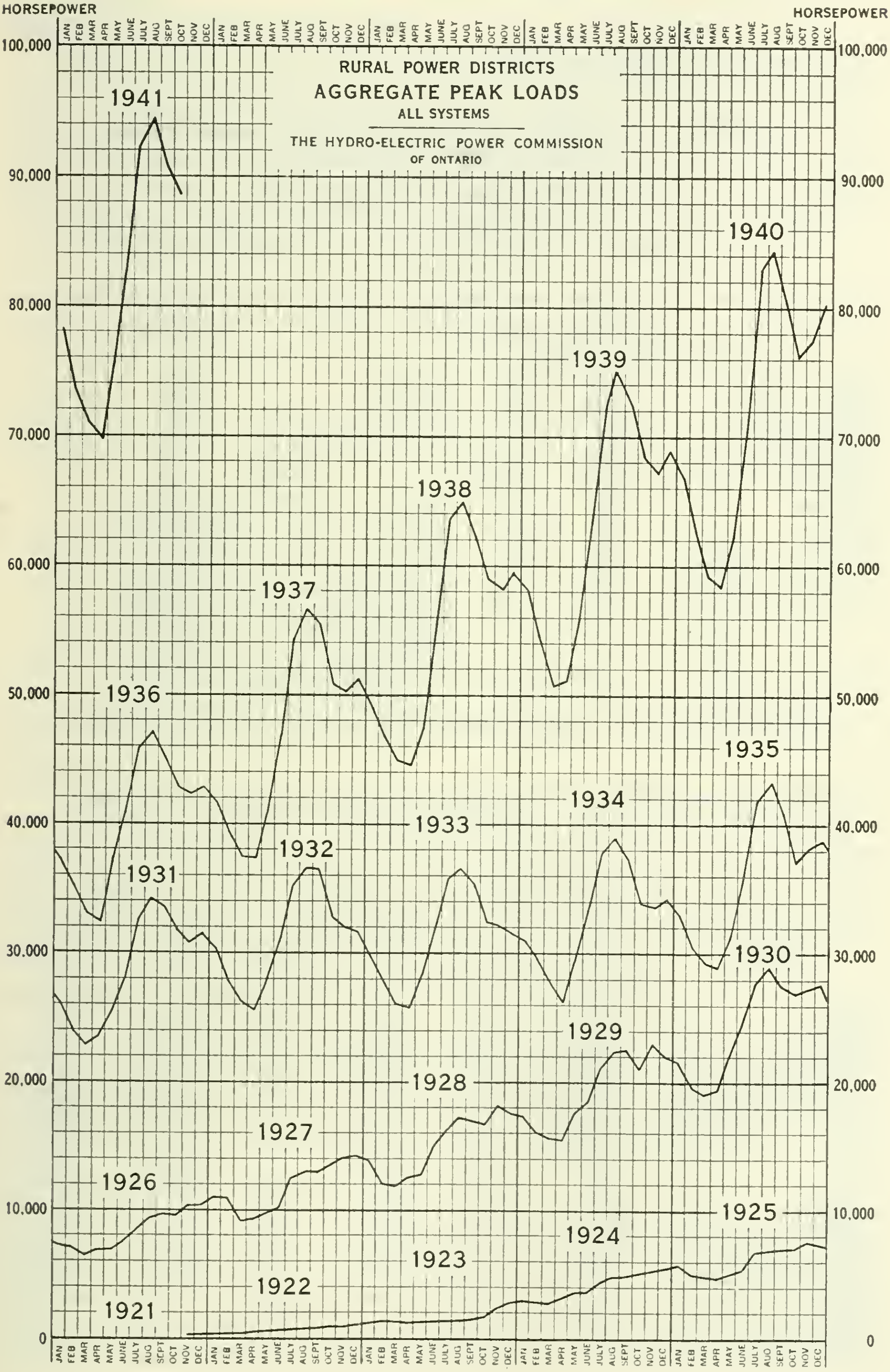
HORSEPOWER
HORSEPOWER
RURAL POWER DISTRICTS
AGGREGATE PEAK LOADS
ALL SYSTEMS
THE HYDRO-ELECTRIC POWER COMMISSION
OF ONTARIO
100,000
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
JAN
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MAR
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1939
1940
1941

Recent estimates of the major electrical appliances used in rural districts are set out in the following table:

ELECTRICAL APPLIANCES IN USE AMONG FARM CONSUMERS IN RURAL POWER DISTRICTS

Data for all systems for the year 1940

On the farm			In the farm home		
Item	Number of appliances	Percentage of saturation	Item	Number of appliances	Percentage of saturation
Motor	8,754	14.9	Range	10,539	17.9
Pump	8,170	13.9	Hot plate	12,581	21.4
Grain grinder	3,426	5.8	Washer	34,821	59.3
Milking machine	2,041	3.5	Vacuum cleaner	9,468	16.1
Milk cooler	1,280	2.2	Water heater, flat rate	2,647	4.5
Cream separator	3,946	6.7	“ “ metered	1,283	2.2
Churn	616	1.1	Grate	629	1.1
Incubator	706	1.2	Portable air heater	4,626	7.9
Brooder	901	1.5	Ironer	824	1.4
Hot bed	59	0.1	Irons	44,775	76.3
Water heater, flat rate	146	0.3	Refrigerator	9,206	15.7
“ “ metered	69	0.1	Toaster	31,036	52.9
Miscellaneous	577	1.0	Radio	44,269	75.4
			Furnace blower	1,209	2.1
			Pump	9,415	16.0
			Miscellaneous	1,822	3.1

The following table makes comparison between rural and urban use:

ELECTRICAL APPLIANCES IN USE IN HOMES OF URBAN AND RURAL CONSUMERS—1940

	R.P.D. Hamlet		R.P.D. Farm		Urban	
Electrical appliance	Number of appliances	Percentage of saturation	Number of appliances	Percentage of saturation	Number of appliances	Percentage of saturation
Range	6,697	13.2	10,539	17.9	173,207	30.9
Hot plate	12,929	25.4	12,581	21.4	101,356	18.1
Washer	24,253	47.6	34,821	59.3	276,516	49.3
Vacuum cleaner	8,618	16.9	9,468	16.1	190,082	33.9
Water heater, flat rate	2,063	4.1	2,647	4.5	65,357	11.6
“ “ metered	1,081	2.1	1,283	2.2	61,582	11.0
Grate	433	0.9	629	1.1	41,078	7.3
Air heater	3,700	7.3	4,626	7.9	166,037	29.6
Ironer	817	1.6	824	1.4	17,552	3.1
Iron	39,607	77.8	44,775	76.3	516,804	92.2
Refrigerator	8,661	17.0	9,206	15.7	119,757	21.3
Toaster	27,576	54.1	31,036	52.9	349,132	62.3
Radio	37,675	74.0	44,269	75.4	456,323	81.4
Furnace blower	1,024	2.0	1,209	2.1	36,075	6.4
Grill	....	....	....	....	59,211	10.5
Pump	6,288	12.3	9,415	16.0	....	....
Air conditioner	....	....	....	....	7,057	1.2
Miscellaneous	1,839	3.6	1,822	3.1	....	....

Standard Number of Consumers per Mile

Effective May 1, 1938, the Commission received authority by Order-in-Council to construct rural primary lines on a basis of two farms per mile under existing rates. This new basis does not include service to summer cottages, which remains on the previous basis of three farms per mile. The standard number of consumers required per mile varies according to the class of service rendered. For this purpose a unit rating is allocated to each class of consumer. A total of ten units per mile made up by various classes of consumers is required before construction work is undertaken.

The following table shows the number of units for each class of service:

Class of consumer	Service	Units per class applicable to number per mile—May 1, 1938			
		A—Regular rural consumers		B—Summer Cottage consumers	
		Units per contract	Contracts per mile	Units per contract	Contracts per mile
1B	Hamlet lighting	2.25	4.4	1.5	6.7
1C	Hamlet lighting (range)	3.75	2.7	2.5	4
2A	House lighting	1.9	5.3	1.25	8
2B	Small farm service (50 acres or less)	3.5	2.9	2.35	4.3
3	Light farm service (over 50 acres)	5	2	3.35	3
4	Medium farm service (single-phase)	5	2	3.35	3
5	Medium farm service (three-phase)	5	2	3.35	3
6A	Heavy farm service (single-phase)	5	2	3.35	3
6B	Heavy farm service (three-phase)	5	2	3.35	3
7A	Special farm service (single-phase)	5	2	3.35	3
7B	Special farm service (three-phase)	5	2	3.35	3

Cabin Service

Arrangements were made during 1940 to provide the Commission's rural customers with electric service to cabins at special rates, which call for a service charge of 30 cents gross per cabin per month and five kilowatt-hours extra per cabin per month to be added to the first kilowatt-hour block. The rates are subject to the usual ten per cent discount for prompt payment. This cabin service is supplementary to the regular supply contract and applies to the months of June, July, August and September of each year.

Maximum Consumption Charge

The Commission has found that the maximum economic limit of the first domestic use through the rural power districts of the Province is 6 cents per kilowatt-hour. In all rural power districts the first consumption rate is fixed at a maximum of 6 cents per kilowatt-hour. The second rate has a maximum of 2 cents per kilowatt-hour which applies to all districts.

Low Third Consumption Rate for Long-Hour Users

In 1934 the Commission made available for rural consumers a special energy rate for long-hour users of power. This low rate particularly affects under-earth heating (hot-beds) and heating of water. Where the extra use of energy may be obtained from the present equipment, a third follow-up rate per kilowatt-hour of 0.75 cents gross is given in all districts. The first rate remains unchanged, except that as pointed out above it is subject to a maximum of 6 cents per kilowatt-hour, and the kilowatt-hours to be charged at the first rate remain unchanged. The number of kilowatt-hours to be charged at the second rate varies both with the class of service and the first kilowatt-hour rate. At the head of the table of rural rates at the end of this section is a schedule which shows the class of service, the number of kilowatt-hours per month to be charged for at the first rate, and the number of kilowatt-hours at the second rate according to the governing first rate. The classification of services for rural power districts is given on page 55.

Average Cost to Rural Consumers Decreasing

The remarkable benefits obtained by rural communities in regard to the amount charged to them during the period 1928 to 1940 is indicated in the following tables:

HAMLET AND HOUSE LIGHTING SERVICE

Classes 1B, 1C and 2A

Year	Annual revenue	Energy consumption	Number of consumers billed*	Average revenue per kw-hr.	Average monthly bill	Average monthly consumption
	$	kw-hr.		cents	$ c.	kw-hr.
1928	530,407	10,702,031	17,585	4.95	2.51	51
1929	663,311	14,424,770	21,219	4.60	2.85	62
1930	757,558	17,815,987	25,013	4.25	2.73	64
1931	974,224	22,127,474	31,176	4.40	2.88	66
1932	1,075,081	24,654,386	33,638	4.36	2.76	63
1933	1,133,369	25,410,470	35,941	4.46	2.70	60
1934	1,149,877	27,768,460	37,466	4.14	2.61	63
1935	1,171,873	30,802,290	39,751	3.80	2.53	66
1936	1,239,011	35,666,241	43,014	3.47	2.49	72
1937	1,331,919	40,935,040	46,785	3.25	2.47	76
1938	1,439,681	47,612,820	52,514	3.02	2.42	80
1939	1,649,496	54,787,544	58,328	3.01	2.36	78
1940	1,812,550	60,839,240	62,973	2.98	2.40	80

*See footnote to next table.

FARM SERVICE

Classes 2B, 3, 4, 5, 6A, 6B, 7A and 7B

Year	Annual revenue	Energy consumption	Number of consumers billed*	Average revenue per kw-hr.	Average monthly bill	Average monthly consumption
	$	kw-hr.		cents	$ c.	kw-hr.
1928	569,007	10,969,828	9,309	5.18	4.97	96
1929	777,736	16,022,842	12,605	4.85	5.85	121
1930	863,805	20,507,063	16,011	4.21	5.03	119
1931	1,128,554	25,716,141	20,796	4.39	5.11	116
1932	1,255,482	28,675,400	22,432	4.38	4.84	110
1933	1,309,123	30,062,194	23,283	4.35	4.75	109
1934	1,319,923	33,312,314	23,882	3.96	4.66	118
1935	1,343,222	37,667,453	25,357	3.57	4.55	128
1936	1,385,784	45,447,669	28,198	3.05	4.31	141
1937	1,366,484	54,858,240	35,508	2.49	3.57	144
1938	1,711,789	67,886,882	44,565	2.52	3.56	141
1939	2,090,259	81,613,087	53,240	2.56	3.56	139
1940	2,405,092	93,859,719	58,728	2.56	3.41	133

*It may be observed that the number of consumers reported here does not agree with those shown in other sections of the Annual Report of the Commission. This is due to the fact that the figures given here represent consumers actually billed, whereas elsewhere in the Report the tables show the number of contracts executed to the end of the fiscal year. In many cases service is not given until the following year.

Rural Loans

Under The Rural Power District Loans Act, 1930, authority was given to The Hydro-Electric Power Commission of Ontario to finance the installation of wiring and the purchase of specified electrical equipment by rural farm consumers.

Owing to the necessity to conserve funds for war purposes this financing was discontinued on October 31, 1940. At that time there were five applications approved, of which four were consummated and one withdrawn by the applicant.

To October 31, 1941, 1,115 loans had been repaid in full, either through the maturing of the loan or by being paid in advance by the borrower.

Attached hereto are statements showing various details of all loans granted.

SUMMARY OF LOANS MADE TO OCTOBER 31, 1941

Fiscal year ending October 31	Applications received	Loans consumated	Amount of loans
			$
1931	126	74	23,542
1932	226	187	40,160
1933	144	111	20,975
1934	107	81	14,855
1935	235	169	32,450
1936	307	212	40,550
1937	230	155	29,615
1938	321	240	47,265
1939	356	296	61,445
1940	284	247	49,215
1941	...	4	780
Total	2,336	1,776	360,852

LOANS GRANTED TO CONSUMERS IN RURAL POWER DISTRICTS

System	Total to Oct. 31, 1940		Nov. 1, 1940 to Oct. 31, 1941		Total to Oct. 31, 1941	
	No.	Amount	No.	Amount	No.	Amount
		$		$		$
Niagara	1,428	279,500	3	580	1,431	280,080
Georgian Bay	244	57,837	....	....	244	57,837
Eastern Ontario	89	20,130	1	200	90	20,330
Thunder Bay	5	1,315	....	....	5	1,315
Manitoulin R.P.D.	6	1,290	....	....	6	1,290
All systems	1,772	360,072	4	780	1,776	360,852

Number of Loans repaid in full, October 31, 1941—1,115. The average for all loans is $203.18

DETAILS OF RURAL LOANS GRANTED TO OCTOBER 31, 1941

Items applied for (including installation) in loans which have been made	Totals for 1,772 loans made to October 31, 1940		Totals for 4 loans consummated during year to Oct. 31, 1941		Totals for 1,776 loans made to October 31, 1941	
	Number affected	Cost to consumers	Number affected	Cost to consumers	Number affected	Cost to consumers
		$ c.		$ c.		$ c.
Service	595	31,871.53			595	31,871.53
House wiring	601	49,114.50			601	49,114.50
Building wiring	555	41,815.27			555	41,815.27
Motors	54	5,401.71			54	5,401.71
Grain grinders	939	193,802.87	3	735.00	942	194,537.87
Pumping systems	156	23,620.17			156	23,620.17
Milking machines	41	12,013.57			41	12,013.57
Washing machines	50	5,055.80			50	5,055.80
Milk coolers	100	21,973.67	1	240.00	101	22,213.67
Ranges	3	494.50			3	494.50
Cream separators	2	180.00			2	180.00
Totals		385,343.59		975.00		386,318.59

Respecting the 1,776 loans made to October 31, 1941, the following table shows the number of loans made for each term of years:

One year term	46	Six year term	10
Two " "	147	Seven " "	79
Three " "	434	Eight " "	9
Four " "	88	Nine " "	0
Five " "	925	Ten " "	38

RURAL LINE EXTENSIONS APPROVED BY THE COMMISSION DURING THE YEAR 1941

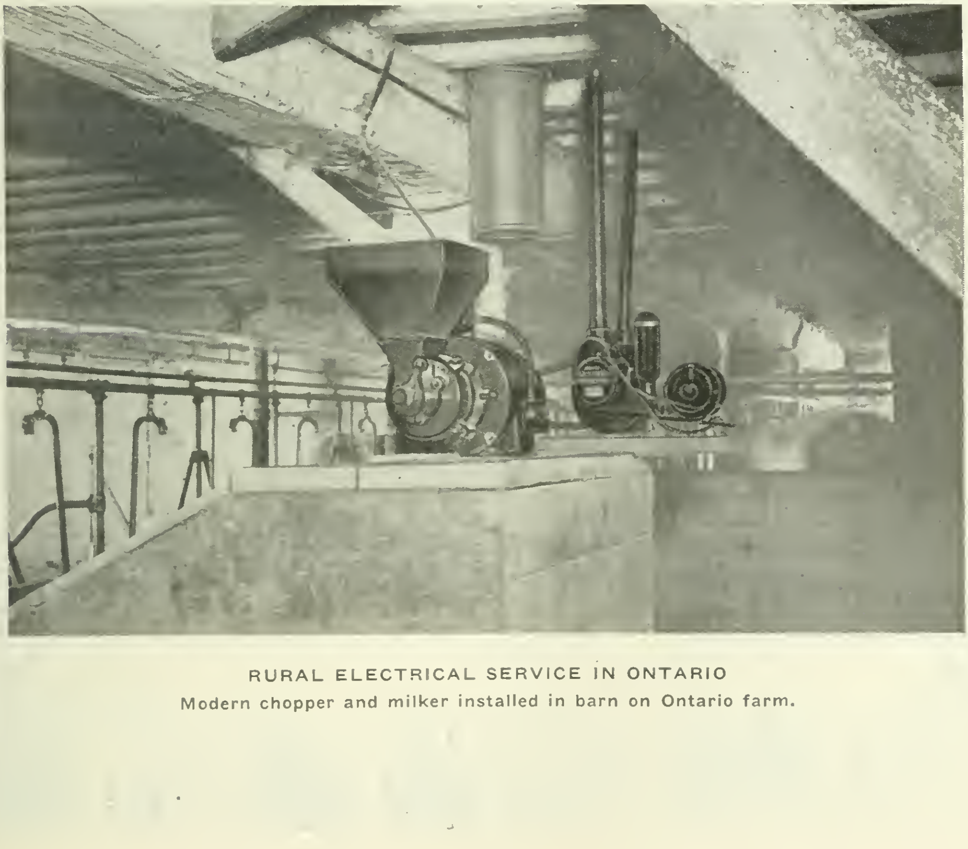
System	Miles of primary line	Net increase in number of consumers			Power supplied in October 1941	Capital approved for extensions	
		Hamlet 1B & 1C	Farm etc.	Total		Total	Provincial grant-in-aid
					h.p.	$	$
Niagara	308.97	2,257	2,606	4,863	63,025	1,226,026	613,013
Georgian Bay	126.93	612	578	1,190	7,319	360,918	177,684
Eastern Ontario	151.38	734	904	1,638	16,142	489,426	244,713
Thunder Bay	16.43	85	105	190	644	52,058	26,029
Northern Ontario Properties	27.17	508	113	621	1,666	135,956	67,978
Totals	630.88	4,196	4,306	8,502	88,796	2,264,384	1,129,417

SUMMARY OF RURAL LINE EXTENSIONS

As Approved by the Commission from June 1, 1921 to October 31, 1941
Constructed or Under Construction

System	Miles of primary line	Number of consumers			Capital approved for extensions	
		Hamlet 1B & 1C	Farm etc.	Total	Total	Provincial grant-in-Aid
					$ c.	$ c.
Niagara	11,779.23	33,974	47,269	81,243	28,466,502.89	14,209,971.44
Georgian Bay	3,063.30	10,323	8,182	18,505	6,648,061.95	3,237,139.49
Eastern Ontario	4,637.20	13,060	13,982	27,042	10,648,725.31	5,324,362.65
Thunder Bay	292.36	467	863	1,330	610,219.00	305,109.50
Northern Ontario Properties	331.88	2,683	721	3,404	897,164.00	448,582.00
Totals	*20,103.97	60,507	71.017	131,524	47,270,673.15	23,525,165.08

*This total includes 81.34 miles of primary line under construction on October 31, 1941 and service to 270 new consumers was not completed until after the end of the fiscal year.



RURAL ELECTRICAL SERVICE IN ONTARIO

Modern chopper and milker installed in barn on Ontario farm.

RURAL POWER DISTRICTS—MILES OF LINE, NUMBER OF CONSUMERS AND RATES—OCTOBER 31, 1941

Rural power district	Property number	Miles of line	No. of consumers	1B	1C	2A	2B	3*	4	5	6A	6B	7A	7B	Gross consumption charges per kilowatt-hour: First energy rate	Second energy rate	Rate for all additional	Prompt payment discount on gross bill
Rural rates: Monthly consumption charged for at first energy rate: No. of kw-hrs. per month				30	30	30	30	**42**	70	70	126	126	210	210				
Monthly consumption charged for at second energy rate: No. of kw-hrs. where first energy rate is less than 3 cts.				120	270	120	270	**258**	430	430	774	774	1290	1290				
3 cts.				105	240	105	240	**228**	380	380	684	684	1140	1140				
3.1 to 4 cts.				75	180	75	180	**168**	280	280	504	504	840	840				
4.1 to 5 cts.				60	150	60	150	**138**	230	230	414	414	690	690				
more than 5 cts.				45	120	45	120	**108**	180	180	324	324	540	540				
Maximum gross monthly service charge to summer cottages. Where the rates are below these standards, they are indicated in each instance by †.				$ c. 1.11	$ c. 1.56	$ c. 1.11	$ c. 1.56	$ c. **1.56**	$ c. 1.56	$ c. 2.50	$ c. 2.78	$ c. 2.78	$ c. 3.33	$ c. 3.33				
Gross monthly service charge to regular consumers																		
NIAGARA SYSTEM																		
				$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	cents	cents	cents	%
Acton	N5 D1	15.75	55	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Ailsa Craig	N4 D7	74.86	210	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Alvinston	N18 D9	56.40	142	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Amherstburg	N15 D3	105.89	964	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3.5	2	0.75	10
Aylmer	N11 D2	283.60	1,722	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4.5	2	0.75	10
Ayr	N12 D4	41.47	151	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10
Baden	N7 D1	148.43	763	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3	1.5	0.75	10
Beamsville	N17 D3	262.17	2,203	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3	1.5	0.75	10
Belle River	N15 D2	66.91	667	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10
Blenheim	N14 D3	103.04	658	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10
Bond Lake	N35 D3	214.67	2,403	1.10	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3	1.5	0.75	10
				†1.10	1.56	1.11	1.56	**1.56**	1.56	2.50	2.78	2.78	3.33	3.33				
Bothwell	N14 D10	137.45	448	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Brampton	N13 D2	93.01	369	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10
Brant	N12 D1	206.31	1,212	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3	1.5	0.75	10
Brigden	N18 D8	100.85	332	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Burford	N12 D2	109.55	559	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4.5	2	0.75	10
Caledonia	N2 D5	212.26	1,244	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10
Chatham	N14 D1	236.11	1,535	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3.5	2	0.75	10
Chippawa	N1 D7	42.01	304	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3.5	2	0.75	10
Clinton	N8 D11	113.04	640	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10

†Summer cottage rates.

RURAL POWER DISTRICTS—MILES OF LINE, NUMBER OF CONSUMERS AND RATES—OCTOBER 31, 1941—Continued

Rural power district	Rural rates: Class............ Property number	Miles of line	No. of consumers	1B	1C	2A	2B	3*	4	5	6A	6B	7A	7B	Gross consumption charges: First energy rate‡	Gross consumption charges: Second energy rate‡	Gross consumption charges: Rate for all additional	Prompt payment discount
				Gross monthly service charge to regular consumers														
NIAGARA SYSTEM—Continued																		
				$ c.	$ c.	$ c.	$ c.	**$ c.**	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	cents	cents	cents	%
Delaware	N4 D3	204.50	1,016	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10
Dorchester	N4 D1	155.19	888	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10
Dresden	N14 D12	111.51	394	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Drumbo	N12 D5	103.65	504	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10
Dundas	N2 D1	181.69	1,234	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3	1.25	0.75	10
Dunnville	N1 D9	96.43	581	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Dutton	N11 D3	116.48	404	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Elmira	N7 D3	43.30	171	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10
Elora	N5 D4	111.22	475	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10
Essex	N15 D7	168.48	929	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4.5	2	0.75	10
Exeter	N4 D6	148.16	1,122	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Forest	N18 D6	139.04	614	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Galt	N6 D2	54.88	532	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3	1.5	0.75	10
Georgetown	N5 D2	100.68	443	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10
Goderich	N8 D2	81.27	342	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Grantham	N44 D1	70.44	1,252	1.00	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3	1.5	0.75	10
				†1.00	1.50	1.11	1.56	**1.56**	1.56	2.50	2.78	2.78	3.33	3.33				
Guelph	N5 D3	173.17	1,005	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3	1.5	0.75	10
Haldimand	N2 D8	230.48	1,089	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4.5	2	0.75	10
Harriston	N8 D5	34.39	99	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Harrow	N15 D4	86.80	954	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4.5	2	0.75	10
Ingersoll	N10 D3	246.00	950	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	5.5	2	0.75	10
Jordan	N44 D2	51.21	512	1.06	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3	1.5	0.75	10
				†1.06	1.56	1.11	1.56	**1.56**	1.56	2.50	2.78	2.78	3.33	3.33				
Keswick	N35 D5	81.90	1,548	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10
Kingsville	N15 D5	195.12	2,234	1.00	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3	2	0.75	10
				†1.00	1.56	1.11	1.56	**1.56**	1.56	2.50	2.78	2.78	3.33	3.33				
Listowel	N8 D8	130.93	580	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10

†Summer cottage rates. ‡See heading to first page of table.

RURAL POWER DISTRICTS—MILES OF LINE, NUMBER OF CONSUMERS AND RATES—OCTOBER 31, 1941—Continued

Rural power district	Rural rates																	
	Class.			1B	1C	2A	2B	**3***	4	5	6A	6B	7A	7B	Gross consumption charges			Prompt payment discount
	Property number	Miles of line	No. of consumers	Gross monthly service charge to regular consumers											First energy rate‡	Second energy rate‡	Rate for all additional	
NIAGARA SYSTEM—Continued																		
				$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	cents	cents	cents	%
London.	N4 D2	248.22	3,211	0.90	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3	1.5	0.75	10
				†0.90	1.56	1.11	1.56	**1.56**	1.56	2.50	2.78	2.78	3.33	3.33				
Lucan.	N4 D5	97.09	317	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Lynden.	N2 D2	90.01	418	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10
Markham.	N35 D1	180.62	1,615	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10
Merlin.	N14 D15	142.77	594	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Milton.	N13 D3	110.47	550	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10
Milverton.	N8 D9	78.37	317	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10
Mitchell.	N8 D7	126.07	587	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4.5	2	0.75	10
Newmarket.	N35 D4	108.98	710	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10
Niagara.	N1 D1	68.95	559	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3	1.5	0.75	10
Norwich.	N10 D1	174.24	907	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3.5	2	0.75	10
Oil Springs.	N18 D3	87.26	312	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Palmerston.	N8 D6	85.52	276	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10
Petrolia.	N18 D5	52.05	208	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Preston.	N6 D1	196.37	1,680	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3	1.25	0.75	10
Ridgetown.	N14 D2	137.00	955	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10
St. Jacobs.	N7 D2	104.15	564	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3	1.5	0.75	10
St. Marys.	N9 D1	216.88	872	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
St. Thomas.	N11 D1	243.04	1,740	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3	1.5	0.75	10
Saltfleet.	N17 D1	109.76	2,619	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3	1.5	0.75	10
Sandwich.	N15 D1	163.73	3,336	1.00	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3.5	1.5	0.75	10
				†1.00	1.56	1.11	1.56	**1.56**	1.56	2.50	2.78	2.78	3.33	3.33				
Sarnia.	N18 D4	129.26	2,006	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3.5	2	0.75	10
Scarborough.	N34 D2	114.77	1,591	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10
Seaforth.	N8 D10	34.87	198	1.10	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10
				†1.10	1.56	1.11	1.56	**1.56**	1.56	2.50	2.78	2.78	3.33	3.33				
Simcoe.	N12 D6	149.45	997	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10

†Summer cottage rates. ‡See heading to first page of table.

RURAL POWER DISTRICTS—MILES OF LINE, NUMBER OF CONSUMERS AND RATES—OCTOBER 31, 1941—Continued

Rural power district	Rural rates																	
	Class............			1B	1C	2A	2B	**3***	4	5	6A	6B	7A	7B	Gross consumption charges			Prompt payment discount
	Property number	Miles of line	No. of consumers	Gross monthly service charge to regular consumers											First energy rate‡	Second energy rate‡	Rate for all additional	
NIAGARA SYSTEM—Continued																		
				$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	cents	cents	cents	%
Stamford	N44 D4	11.59	310	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3	1.5	0.75	10
Stratford	N8 D4	60.94	331	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3.5	2	0.75	10
Strathroy	N4 D4	167.55	567	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Streetsville	N13 D1	136.17	752	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3.5	2	0.75	10
Tavistock	N8 D1	143.04	597	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Thamesville	N14 D11	121.94	524	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Tilbury	N14 D14	152.13	698	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Tillsonburg	N10 D4	205.73	1,243	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3.5	2	0.75	10
Wallaceburg	N14 D13	196.84	1,165	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10
Walsingham	N12 D7	312.07	1,793	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Walton	N8 D3	106.58	502	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Waterdown	N2 D3	97.02	1,326	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	2.5	1	0.75	10
Waterford	N12 D3	149.43	739	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Watford	N18 D7	82.26	273	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Welland	N1 D5	367.75	4,112	1.00	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3	1.5	0.75	10
				†1.00	1.56	1.11	1.56	**1.56**	1.56	2.50	2.78	2.78	3.33	3.33				
Woodbridge	N16 D1	290.57	1,670	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3	2	0.75	10
Woodstock	N10 D2	189.02	1,049	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3	2	0.75	10

Total, Niagara system....11,779.23 81,243 *See footnote on page 55. †Summer cottage rates. ‡See heading to first page of table.

RURAL POWER DISTRICTS—MILES OF LINE, NUMBER OF CONSUMERS AND RATES—OCTOBER 31, 1941—Continued

Rural power district	Rural rates																		
	Class				1B	1C	2A	2B	3*	4	5	6A	6B	7A	7B	Gross consumption charges			Prompt payment discount
	Property number		Miles of line	No. of consumers	Gross monthly service charge to regular consumers											First energy rate‡	Second energy rate‡	Rate for all additional	
GEORGIAN BAY SYSTEM																			
					$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	cents	cents	cents	%
Alliston	GS32	D1	71.74	359	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Arthur	GE13	D2	46.76	116	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Bala	GB13	D1	108.50	678	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Barrie	G24	D1	109.53	940	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Baysville	GM10	D1	75.64	430	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Beaumaris	GM7	D1	82.29	617	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Beaverton	GW2	D1	61.96	611	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Beeton	GS33	D1	4.95	11	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Bradford	GS37	D1	64.07	249	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Bruce	GE19	D1	227.86	954	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Buckskin	GS24	D1	6.41	44	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Cannington	GW3	D1	41.35	172	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Chatsworth	GE3	D1	16.00	65	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Cookstown	GS35	D1	4.88	10	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Creemore	G17	D2	131.96	472	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Dundalk	GE5	D1	39.15	116	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Elmvale	GS7	D1	65.74	320	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	5.5	2	0.75	10
Flesherton	GE1	D1	39.76	179	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Gravenhurst	G34	D1	18.17	107	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Hawkestone	GS9	D1	91.58	520	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	3	1.5	0.75	10
Holstein	GE7	D1	17.76	60	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Huntsville	GM2	D1	129.34	693	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Innisfil	GS31	D1	50.66	1,281	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Kirkfield	GW6	D1	43.82	183	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Lucknow	GE24	D1	9.01	60	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10

‡See heading to first page of table.

RURAL POWER DISTRICTS—MILES OF LINE, NUMBER OF CONSUMERS AND RATES—OCTOBER 31, 1941—Continued

GEORGIAN BAY SYSTEM—Continued

Rural power district	Property number	Class	Miles of line	No. of consumers	1B	1C	2A	2B	3*	4	5	6A	6B	7A	7B	Gross consumption charges: First energy rate‡	Gross consumption charges: Second energy rate‡	Gross consumption charges: Rate for all additional	Prompt payment discount
					$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	cents	cents	cents	%
Mariposa	GW9	D1	79.24	467	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Markdale	GE1	D2	30.05	138	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Meaford	G14	D1	72.78	381	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Medonte	GS18	D1	86.12	435	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Midland	GS1	D1	115.58	969	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Mount Forest	GE9	D1	28.87	71	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Neustadt	GE8	D1	35.35	210	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Nottawasaga	GS5	D1	22.88	170	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Orangeville	GE12	D1	137.32	434	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Owen Sound	GE2	D1	55.43	277	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Port Perry	GW12	D1	67.54	605	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Ripley	GE24	D2	108.59	396	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Sauble	GE46	D1	137.27	669	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Shelburne	GE10	D1	52.29	164	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
South Falls	GM1	D1	15.95	55	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Sparrow Lake	GW1	D1	80.76	718	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10
Tara	GE15	D1	74.13	313	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Thornton	GS36	D1	17.80	61	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Tottenham	GS34	D1	28.71	69	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Utterson	GM8	D1	64.20	371	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Uxbridge	GW11	D1	77.76	324	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Wasaga Beach	G17	D1	27.25	1,451	†1.00	1.75	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.5	1.5	....	10
Wroxeter	GE22	D1	88.59	510	1.11	1.11	1.11	1.11	1.11	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Total, Georgian Bay system			306,330	18,505															

*See footnote on page 55. †These rates apply to regular consumers and summer cottages.

‡See heading to first page of table.

RURAL POWER DISTRICTS—MILES OF LINE, NUMBER OF CONSUMERS AND RATES—OCTOBER 31, 1941—Continued

Rural power district	Property number	Class	Miles of line	No. of consumers	1B	1C	2A	2B	3*	4	5	6A	6B	7A	7B	Gross consumption charges			Prompt payment discount
					Gross monthly service charge to regular consumers											First energy rate‡	Second energy rate‡	Rate for all additional	
EASTERN ONTARIO SYSTEM																			
					$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	cents	cents	cents	%
Alexandria	QL15	D1	83.32	356	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Arnprior	QM10	D1	68.58	643	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Belleville	QC38	D1	158.43	1,171	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3.5	1.5	0.75	10
Bowmanville	QC23	D1	75.85	367	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Brighton	QC6	D1	23.73	113	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Brockville	QL3	D1	183.23	1,280	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Calabogie	QM13	D1	4.34	81	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Campbellford	QC11	D1	51.73	184	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Carleton Place	QH5	D1	52.72	183	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Chesterville	QL5	D1	178.00	965	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Cobourg	QC13	D1	214.31	1,061	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Colborne	QC7	D1	94.22	470	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Cornwall	QL1	D1	39.00	115	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Fenelon Falls	QC30	D1	148.20	1,069	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Iroquois	QL9	D1	131.46	637	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Kemptville	QH9	D1	8.47	80	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Kingston	QC44	D1	321.70	1,894	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Lakefield	QC18	D1	112.20	507	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Madoc	QC33	D1	63.08	207	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Marmora	QC47	D1	10.28	54	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Martintown	QL13	D1	78.20	403	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Maxville	QL14	D2	239.83	1,183	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Millbrook	QC25	D1	54.87	255	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Minden	Q37	D1	80.05	474	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Napanee	QC43	D1	290.06	1,327	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10

‡See heading to first page of table.

RURAL POWER DISTRICTS—MILES OF LINE, NUMBER OF CONSUMERS AND RATES—OCTOBER 31, 1941—Continued

Rural power district	Rural rates																		
	Class				1B	1C	2A	2B	**3***	4	5	6A	6B	7A	7B	Gross consumption charges			Prompt payment discount
	Property number		Miles of line	No. of consumers	Gross monthly service charge to regular consumers											First energy rate‡	Second energy rate‡	Rate for all additional	
EASTERN ONTARIO SYSTEM—Continued																			
					$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	cents	cents	cents	%
Nepean	QT1	D1	283.03	1,868	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3	1.5	0.75	10
Newcastle	QC22	D1	62.59	260	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Norwood	QC31	D1	57.12	278	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Omemee	QC26	D1	34.41	94	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Oshawa	QC24	D1	227.27	2,584	1.00	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	3	1.75	0.75	10
					†1.00	1.56	1.11	1.56	**1.56**	1.56	2.50	2.77	2.78	3.33	3.33				
Pembroke	QM30	D1	22.31	127	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Perth	QH2	D1	99.68	445	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Peterborough	QC20	D1	183.36	1,701	0.63	1.11	0.79	1.11	**1.11**	1.56	2.01	2.57	2.78	3.33	3.33	4	2	0.75	10
					†0.63	1.16	0.79	1.21	**1.56**	1.56	2.01	2.57	2.78	3.33	3.33				
Prescott	QL2	D1	79.49	396	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Renfrew	QM16	D1	61.71	378	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Smiths Falls	QH3	D1	118.72	767	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Stirling	QC35	D1	97.46	330	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Sulphide	QC34	D1	100.62	379	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Trenton	QC3	D1	105.98	559	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	5	2	0.75	10
Warkworth	QC49	D1	21.14	80	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Wellington	QC45	D1	304.15	1,432	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Williamsburgh	QL7	D1	57.08	285	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10

Total, Eastern Ontario system 4,637.20 27,042. *See footnote on page 55. †Summer cottage rates. ‡See heading on first page of table.

RURAL POWER DISTRICTS—MILES OF LINE, NUMBER OF CONSUMERS AND RATES—OCTOBER 31, 1941—Concluded

Rural power district	Property number	Class	Miles of line	No. of consumers	1B	1C	2A	2B	3*	4	5	6A	6B	7A	7B	Gross consumption charges: First energy rate‡	Gross consumption charges: Second energy rate‡	Gross consumption charges: Rate for all additional	Prompt payment discount
					Gross monthly service charge to regular consumers														
THUNDER BAY SYSTEM																			
					$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	cents	cents	cents	%
Nipigon	P6	D1	5.60	14	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10
Thunder Bay	P10	D1	286.76	1,316	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	4	2	0.75	10
Total, Thunder Bay system			292.36	1,330															
NORTHERN ONTARIO PROPERTIES																			
Connaught	FA22	D1	53.04	254	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Crystal Falls	FS7	D1	......	......	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Kapuskasing	FA14	D1	......	......	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Manitoulin	FM1	D1	162.16	956	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
North Bay	FZ4	D1	32.14	714	0.87	1.11	1.01	1.11	**1.11**	1.56	2.17	2.68	2.78	3.33	3.33	6	2	0.75	10
					†0.87	1.38	1.01	1.38	**1.44**	1.56	2.17	2.68	2.78	3.33	3.33				
Powassan	FZ8	D1	56.04	194	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Rainy River	FR1	D1	......	......	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Sudbury	FS5	D1	28.50	1,286	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	5.5	2	0.75	10
Teck	FA16	D1	......	......	1.11	1.11	1.11	1.11	**1.11**	1.56	2.50	2.78	2.78	3.33	3.33	6	2	0.75	10
Total, Northern Ontario Properties			331.88	3,404															

¶**Total, all systems: Miles of line, 20,103.97. Number of consumers, 131,524.** ¶This total includes 81.34 miles of primary line under construction on October 31, 1941, and service to 270 new consumers which was not completed at the end of the fiscal year.

*See footnote on page 55. †Summer cottage rates. ‡See heading to first page of table.

CLASSIFICATION OF SERVICES FOR RURAL POWER DISTRICTS

When contracts between the consumer and the township have been executed, users of power in townships are supplied with electric service under general classes, according to the requirements and conditions of the individual consumer, as follows:

Class	Service	Class demand kilowatts	Phase	Volts	Fuse rating amperes (maximum)
1B	Hamlet Lighting..................	1.32	1	110	20
1C	" "	2	1	220–110	35
2A	House Lighting..................	1.32	1	110	20
2B	Small Farm Service...............	2	1	220–110	35
3	**Light Farm Service**..............	**3**	**1**	**220–110**	**35**
4	Medium Farm Service............	5	1	220–110	50
5	" " "	5	3	220–110	35
6A	Heavy Farm Service...............	9	1	220–110	100
6B	" " "	9	1 and 3	220–110	60
7A	Special Farm Service.............	15	1	220–110	According to load
7B	" " "	15	1 and 3	220–110	According to load

Class 1: Hamlet Service—Includes service to customers (other than farm and power users) in hamlets, where four or more consumers are served from one transformer. Service is given under two sub-classes as follows:

> **Class 1-B:** Service to residences or stores, including use of portable appliances, and permanently installed appliances not exceeding 1,320 watts.
>
> **Class 1-C:** Service to residences or stores with electric range or ordinary permanently installed appliances greater than 1,320 watts. Where a combination of residence and store can be supplied from one service, the combination is billed as a single Class 1-C consumer. Special or unusual loads will be treated specially.

Class 2-A: House Lighting—Includes service to all consumers other than farm and power users that cannot be grouped as in Class 1.

Class 2-B: Farm Service, Small—Includes service for lighting of farm buildings, power for miscellaneous small equipment and power for single-phase motors not exceeding 2 horsepower and electric range if motors and range are not used simultaneously, on a farm of fifty acres or less.

Class 3: Farm Service, Light—Includes service for lighting of farm buildings, power for miscellaneous small equipment and power for single-phase motors not exceeding 3 horsepower and electric range if motors and range are not used simultaneously.

Class 4: Farm Service, Medium Single-Phase—Includes service for lighting of farm buildings power for miscellaneous small equipment, and power for single-phase motors up to 5-horsepower demand and electric range if motors and range are not used simultaneously.

Class 5: Farm Service, Medium 3-Phase—Includes service for lighting of farm buildings, power for miscellaneous small equipment and power for 3-phase motors up to 5-horsepower demand and electric range if motors and range are not used simultaneously.

Class 6: Farm Service, Heavy—Includes service for lighting of farm buildings, power for miscellaneous small equipment and power for motors up to 5-horsepower demand and an electric range, or 10-horsepower demand without an electric range. Single- or three-phase service will be given at the discretion of The Hydro-Electric Power Commission of Ontario.

Class 7: Farm Service, Special—Includes service for lighting of farm buildings, power for miscellaneous small equipment, power for 3-phase motors from 10- to 20-horsepower demand and electric range. Single- or three-phase service will be given at the discretion of The Hydro-Electric Power Commission of Ontario.

Note: Classes 2B to 7B are designed primarily to cover the service requirements of farmers. Consumers other than farmers who require a more comprehensive service with greater demand than is provided for in classes 1B, 1C and 2A may obtain this service upon payment of the specified service charge listed in the table of rates.

Note: Class 2B is the service usually supplied to farms of fifty acres or less and Class 3 is the service usually supplied to larger farms. More than 90 per cent of new contracts for farm service are in one or other of these classes.

SECTION IV

PROMOTIONAL SERVICES

THE increase in demand for power to serve war industry made it inadvisable to continue in any extensive manner the promotion of nonessential uses of electricity. This situation, which was referred to in last year's Report, was accentuated during 1941.

The staff of the Commission engaged on sales promotion work therefore turned its attention to assisting industry to use electrical energy in the most efficient manner, and wherever possible to use it in new ways which would increase the production of munitions and war supplies. Two new activities resulting from war conditions were the supervision of the Commission's participation in the "Bits and Pieces Programme" of the Dominion Government, and looking after the important problem of priorities with respect to the procurement of equipment and material required by the Commission for its primary business of supplying electrical service for the citizens of Ontario.

Industrial Work

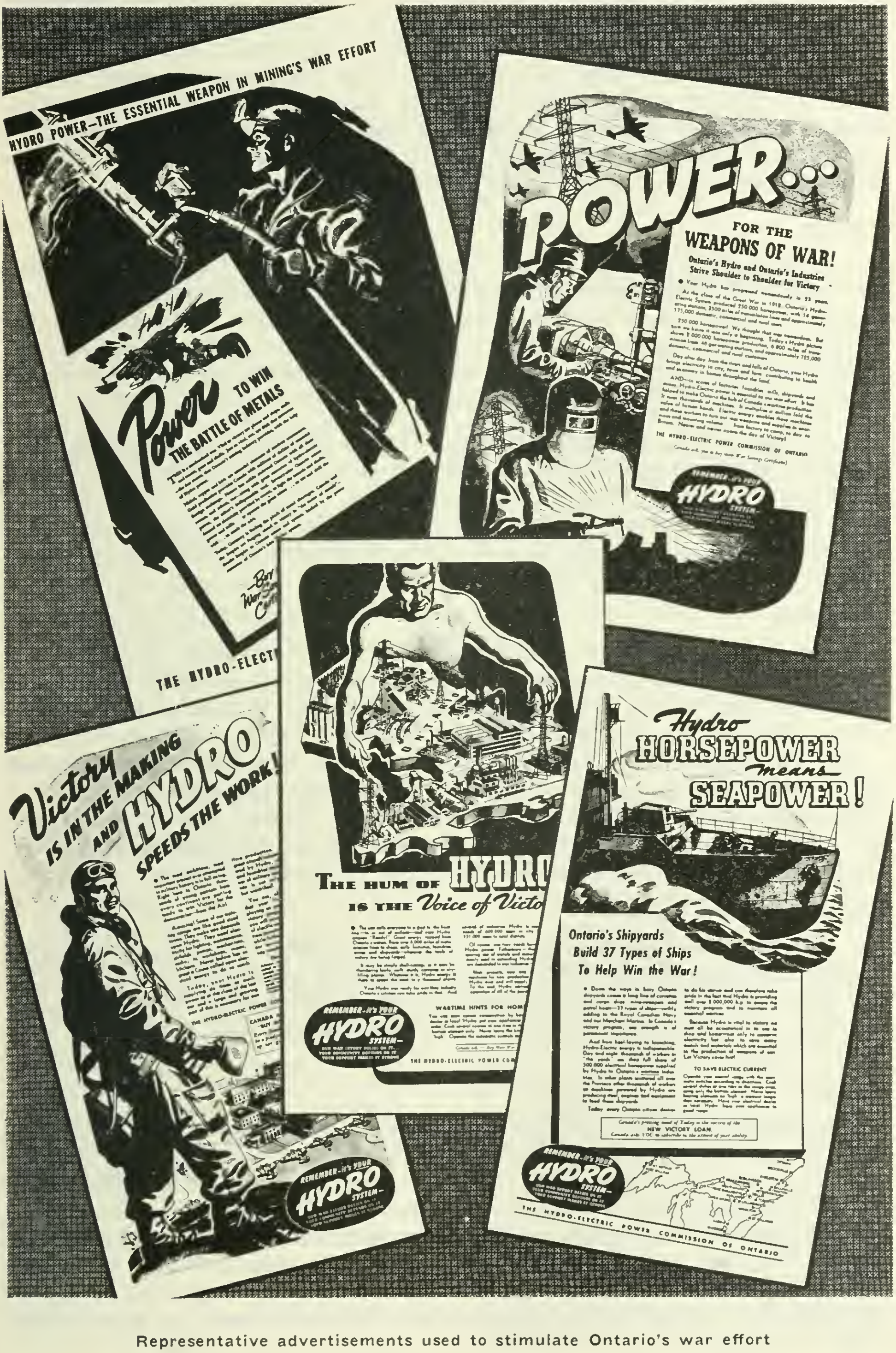
During the year, service was rendered to more than 100 industrial plants in Ontario. In the recommendations which were made following detailed plant surveys, emphasis was placed on obtaining maximum industrial output with a minimum electrical demand and consumption of energy. Production of essential war materials was speeded up by increased efficiency in the use of power and where possible by the promotion of the use of new methods. Particularly successful results were secured by the adoption of electrical heating in certain drying processes.

This technical service was well received by the industries of Ontario, and worth-while results were obtained. It has helped both the consumer and the Commission to make the best use of existing equipment and reduce the drain on supplies of vital materials now so necessary for the war.

During the latter part of the year the Dominion Government introduced the "Bits and Pieces Programme," and the Commission arranged to cooperate and assist within its own organization. The results have been excellent and the Commission in its various maintenance shops is now producing, under sub-contracts, various pieces and parts of war equipment and machinery.

Domestic and Rural Activities

Power requirements for industrial uses and shortage of materials for the manufacture of domestic electrical appliances have precluded sales


HYDRO POWER—THE ESSENTIAL WEAPON IN MINING'S WAR EFFORT
Power TO WIN THE BATTLE OF METALS
THE HYDRO-ELECT
POWER... FOR THE WEAPONS OF WAR!
Ontario's Hydro and Ontario's Industries Strive Shoulder to Shoulder for Victory
THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO
REMEMBER—It's YOUR HYDRO SYSTEM—
Victory IS IN THE MAKING AND HYDRO SPEEDS THE WORK!
THE HUM OF HYDRO IS THE Voice of Victo
WARTIME HINTS FOR HOM
Hydro HORSEPOWER means SEAPOWER!
Ontario's Shipyards Build 37 Types of Ships To Help Win the War!
TO SAVE ELECTRIC CURRENT
NEW VICTORY LOAN
THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

Representative advertisements used to stimulate Ontario's war effort promotion work in the domestic and rural fields. However, municipal Hydro utilities have been given assistance in connection with their war problems and in developing a conservation programme to assist domestic consumers to obtain from existing appliances the greatest benefit with a minimum demand for power. In various parts of the Province, cooking schools have been operated to promote among consumers conservation of energy, and encourage economical and nutritious cooking. In rural areas a similar programme of conservation instruction was carred on.

Lighting

An important branch of the Commission's wartime service to industrial and commercial users is concerned with efficient lighting. About 70 industrial plants were provided with lighting service, including recommendations for improved lighting equipment. Most of these recommendations were followed, and in almost all cases resulted in increased production and better quality of the resulting product.

Assistance was rendered to wartime housing projects in preparing their lighting and wiring specifications. These were ultimately used in some 3,000 houses and 5 dormitories erected throughout the Province. The services of several lighting engineers were requested by the Department of National Defence to assist in the lighting and wiring of military establishments. These men were transferred to Ottawa.

Advertising

The Commission's advertising programme was mainly devoted to a type of industrial copy dealing with the participation of Hydro in the war effort, and emphasizing the important position which it holds in this respect. Stress was laid on the dependence of Ontario's industry on an adequate supply of power for the production of munitions and war equipment, and on the necessity for conservation by eliminating non-essential uses. A sound motion picture entitled "Keepers of the Light" was produced and has been shown extensively. This picture further develops the story of Hydro's activities in behalf of the war effort of the Dominion.

Sales of Lamps and Equipment

The sales of electrical supplies and equipment was well maintained, although for the latter part of the year the supply of water-heating material was discontinued except for purposes of repair and maintenance. The distribution of Hydro lamps to Hydro systems was also well maintained, and the total sales increased.

Priorities

In the latter months of 1941, on account of the shortage of materials and the resulting restrictions designed to conserve potential supplies for war needs, the problem of reconciling the requirements of the Dominion control departments with the urgent needs of the Commission for equipment and material required for the operation, maintenance and expansion of power supplies for war purposes assumed greater importance. This work has been delegated to the Sales Promotion staff, which has facilitated the clearance of such material and equipment and given assistance to local Hydro utilities faced with similar problems.

SECTION V

HYDRAULIC ENGINEERING AND CONSTRUCTION

DURING 1941 construction of new works relating to hydro-electric power supplies was actively carried forward in various sections of the Province. The Big Eddy power development on the Muskoka river* was brought into operation in October to serve the Georgian Bay system. Construction work continued on the 54,000 horsepower Barrett Chute development on the Madawaska river, and on the Bark Lake storage reservoir some sixty-five miles upstream. In September 1941 work commenced on the extension to DeCew Falls generating station, three miles from St. Catharines. In the north-west part of the Province, construction work on the Ogoki Diversion project started in November 1940. Minor works also were built to improve storage facilities on certain streams.

NIAGARA SYSTEM

DeCew Falls Development

Events of the past year altered materially the situation regarding the DeCew Falls development. An exchange of notes between the Governments of Canada and the United States in the latter part of 1940 provided for the immediate utilization for power at Niagara Falls by the Province of Ontario of additional water equivalent in quantity to the diversions into the Great Lakes basin from the Albany River basin, for which Ontario agreed to make immediate provision. This, along with the urgent need for power in the Commission's systems and the possibility of meeting this need in some measure economically and quickly at DeCew Falls, resulted in the decision to proceed at once with the construction of a development to contain initially one 65,000 horsepower, 25-cycle unit. The plant is designed to permit further extensions up to a total capacity of 200,000 horsepower, but at present the works necessary for the single 65,000 horsepower unit are being built, together with such provisions for future extensions, as are most economically incorporated in the initial installation.

The DeCew Falls development has a greater operating head, 265 feet, than any other plant deriving its water supply from the discharge from lake Erie, with the exception of the Queenston plant. From the standpoint of conservation therefore, this development has much to recommend it. The present storage ponds, with the enlargements contemplated for the ultimate development, will enable the constant supply of water at the intake to be used advantageously, at varying rates throughout the 24 hours to meet peak demands for power.

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*See fuller reference to river on page 62.

The district, in which the development is situated, has many industrial and commercial establishments. Its location, therefore, is strategic, but its construction involves more than the usual amount of difficulty in safeguarding and in some cases reconstructing the works of other organizations and utilities.

The scheme of development conforms closely to that of the present plant, which was built forty years ago. The plant will draw its water supply from the Welland ship canal through a new intake some distance downstream from the one now in use and thence through a short canal leading to the reservoir, known as Gibson lake. Interconnecting channels in the reservoirs will be enlarged and earth embankments improved and strengthened. A new power canal will lead from the reservoir to a forebay and headworks on the crest of the escarpment, down which a 16-foot penstock will lead to the power house. Outflow from the power house, as at present, will follow Twelve Mile creek to the second Welland canal, reaching lake Ontario by way of the canal and Port Dalhousie harbour.

Active construction work commenced in September 1941. A roadway was built from the St. Catharines-Merrittville highway to the power-house site and railway siding facilities were provided. Temporary camps were set up adjacent to the works. A start was made on some of the channel improvements to be made on Twelve Mile creek, which forms the tailrace channel. Stripping of the cliff, and earth excavation for the power house were commenced.

The existing plant generates about 50,000 horsepower at a frequency of 66-2/3 cycles, which, augmented by an additional supply of 10,000 horsepower obtained from the 25-cycle Niagara system plants through a frequency-changer set, is distributed to what is known as the Dominion Power division of the Niagara system. This plant will remain in service after the first unit is installed in the new plant and possibly after the second unit is completed.

St. Lawrence River Project

Hydraulic engineering studies and investigations in connection with the St. Lawrence river project were given considerable attention during the year. Conferences were held with engineers of the Dominion and United States Governments, at which solutions were sought for various problems of engineering economics and design relating to the power houses and dams.

Ogoki River Diversion

In November 1940 construction commenced on the works for the Ogoki diversion project. The upper waters of the Ogoki river, a tributary of the Albany river which flows into James bay, are being diverted from their natural course to flow southward to lake Nipigon. The diverting dam at Waboose Rapids will raise the level of the river and create a reservoir having an area of about 100 square miles. This will enable all but extremely high flows of the river to be diverted southerly, by way of Mojikit creek and the Jackfish river, into lake Nipigon, from which the diverted waters under

STORAGE DAM IN EASTERN ONTARIO
Showing clay core under construction

beneficial storage regulation will eventually flow into the Great Lakes system This water will augment the flow at present available for power generation at various hydro-electric plants on the Nipigon river, at Sault Ste Marie, on the Niagara river, at the DeCew Falls extension and on the St. Lawrence river.

By the end of the fiscal year the concrete control dam at the summit between the Ogoki river and lake Nipigon drainage basins had been completed along with various improvements to the river channels in the vicinity. The main diversion dam on the Ogoki river at Waboose rapids was about one-half completed. This structure is of concrete, with earth embankments at the ends, the whole having a total length of 1,425 feet and a maximum height of 50 feet. In addition to the northerly half of the main dam, two small earth side dams remain to be built on this part of the project, as well as a long but low earth dam on Snake creek, which flows into Mojikit lake.

At the Jackfish river crossing north of lake Nipigon, where the diverted waters will pass under the Canadian National Railways, work was commenced which will include rebuilding the railway trestle and relocation of trackage, as well as considerable excavation and improvement to the river channel in the vicinity.

Niagara River Diversions

Following conversations between officials of the Government of Canada and of the United States in 1940, which indicated a growing apprehension in both countries over the possibility of a power shortage in consequence of Canada's war effort and the National Defence effort in the United States, the United States Government indicated that it would interpose no objection, pending the conclusion of a final Great Lakes-St. Lawrence Basin agreement, to the immediate utilization for power at Niagara Falls by the Province of Ontario of additional waters, equivalent in quantity to the diversions into the Great Lakes Basin from the Ogoki and Long Lake diversions. In November 1940 the Commission received permission from the Dominion Government to increase the quantity of water diverted through the generating stations in Canada from 36,000 to 41,000 cubic feet per second. In 1941 owing to the urgency of power requirements under war conditions, permission was received to increase further the quantity of water taken by the generating stations to 44,000 cubic feet per second. In December 1941 the total Canadian diversion by agreement with the United States was finally increased to 50,000 cubic feet per second.

GEORGIAN BAY SYSTEM

Big Eddy Development

The second of a series of four power developments on the Muskoka river, below Bala, came into service in October. About three and one half miles below Bala the Muskoka river divides and flows by two channels to Georgian Bay, the right hand and larger channel being known as the Moon river, the name of the main stream being carried after division by the left hand channel, sometimes known locally as the Musquash river. The general scheme of development described more fully in an earlier report is, briefly, the concentration of the fall at four points in the Muskoka river and the diversion of all but waste flow from the Moon to the Muskoka river. A development at the first of these sites, Ragged Rapids four miles below Bala, was completed in 1938. Big Eddy, at the second site, is about four and one half miles below Ragged Rapids. The development has a rated capacity of 9,500 horsepower in two units and operates under a head of 36 feet. It forms an essential source of supply for the Georgian Bay system, as the other power sources are incapable, without it, of meeting the estimated peak demands during the current year.

Work commenced in July 1940 on the construction of a road to the site from Ragged Rapids and active work on the development itself in September. Work had progressed sufficiently to enable the first unit to carry commercial load by October 11, 1941, while the second unit was brought into service less than a month later, on November 1.

OGOKI RIVER DIVERSION PROJECT

Summit control dam from north side. This controls outflow of water from the enlarged Mojikit lake formed by the Waboose dam

Between Ragged Rapids and the Big Eddy site, there were a number of minor rapids, but the major part of the fall concentrated for use in the development occurred in a series of rapids and falls immediately above the large whirlpool, from which the development derives its name and at which the course of the river changed sharply to the left. The main dam is placed just above the series of rapids, through which the river falls to reach the Big Eddy pool. A short distance above the dam, a power canal has been excavated in earth for about 400 feet and then in rock for a further 350 feet to the powerhouse site, beyond which the water discharged from the turbines flows through a tailrace channel excavated in earth to enter the pool, about opposite the point where the river channel leaves the pool to follow its course downstream.

The main dam, commencing at the right bank, comprises a bulkhead section, 51 feet in length, adjoining which is a gravity section with a spillway crest at normal maximum elevation and 238 feet in length followed by four sluiceways close to the left bank of the river. Beyond the sluiceways another spillway section, 78 feet in length, and a bulkhead section complete the closure to high ground, which is here close to the river bank. The sluiceways are four in number, 14 feet wide, and have their sills at elevation 665, that is about sixteen feet below headwater level. In ordinary operating procedure they will remain closed, as flood waters will be diverted to the Moon river above Ragged Rapids.

The power canal, as it leaves the river, is trapezoidal in section, having a bottom width of 80 feet, a depth of 10 feet and side slopes of two to one. The velocity of this part of the canal is 2.75 feet per second, with full load on the plant. Toward the end of the earth section, the canal curves to the left and enters a rectangular rock cut 45 feet wide, in which the depth of water is 15 feet, and the velocity of flow 4.2 feet per second. From the end of the canal the channel widens as it approaches the face of the power house, short gravity sections of concrete flanking the channel to form the forebay.

To close depressions to the right of the power canal, two rock-fill dams, with concrete core walls, were required respectively 330 and 390 feet long and about 20 feet in height. Material from the canal and power-house excavation was used for construction of these dams.

The power-house, situated on the continuation of the centre line of the canal and forebay, houses two units, the turbines being of the fixed blade propeller type, rated at 4,950 horsepower, 200 r.p.m., under a head of 36 feet. They are set in reinforced concrete scroll cases, each drawing its water supply through two rectangular conduits 12 feet wide by 16 feet high and about 24 feet long, the whole forming an integral part of the power-house substructure. The turbines discharge through an elbow type draft tube to the tailrace.

The power-house superstructure is of brick and extends over the headworks sufficiently to house the gate hoisting machinery. Racks and checks for the emergency gates are in front of this part of the superstructure. That portion of the superstructure adjoining the headworks, some fifteen feet in width, houses the control room and miscellaneous equipment. The station is designed for supervisory control from the Ragged Rapids plant and space to house the necessary equipment for this purpose is provided.

EASTERN ONTARIO SYSTEM

Barrett Chute Development

During 1941, construction work was actively commenced and proceeded with on the Barrett Chute development. The new development is situated at the head of Calabogie lake on the Madawaska river. The power house will contain two units, having a total capacity of 54,000 horsepower under a head of 150 feet. The development comprises a concrete dam across the river channel above High falls, a power canal from the river to the headworks and two steel penstocks to convey the water from the headworks to the power house. By the close of the fiscal year, the main dam was practically completed. The canal excavation was about 50 per cent completed. Excavation for the power house was completed and work on the power-house substructure was under way. The natural level of the river will be raised seventy feet at the dam and the flowage will extend upstream a distance of eight miles. The necessary work on clearing the affected lands at the year end was about 50 per cent completed. The plant is expected to be in service in July 1942.

Bark Lake Dam

The Bark Lake storage project, also under construction, is a necessary adjunct of the Barrett Chute development and proposed future developments on the Madawaska river. The storage dam is situated at Bells rapids at the foot of Bark lake, some 65 miles upstream from Barrett Chute. The new dam will increase the storage range on Bark lake from the four-foot variation previously available to a total of about thirty feet, providing some 300,000 acre-feet of storage. The structure consists of an earth fill dam with concrete control section equipped with five sluiceways of conventional stop-log type and, at a lower level, four pipe conduits 5.5 feet in diameter controlled by butterfly valves for the discharge of storage water. At the close of the fiscal year, the earth fill dam was almost completed and work was proceeding on the concrete structure. It is expected that the storage dam will be completed in time to impound the spring run-off of 1942.

NORTHERN ONTARIO PROPERTIES

Sudbury and Nipissing Districts

Field investigations were made on the Sturgeon river during the period of exceptionally high flood run-off in the spring of 1941. Field surveys and office design work proceeded in connection with the replacement of the two old timber crib dams at Tomiko lake and Wicksteed lake on the Sturgeon river watershed. At Tomiko lake the new structure will have concrete sluiceways with side dams of rock-filled cribwork. The Wicksteed dam is a rock-filled timber crib structure. The rehabilitation of these dams will provide additional storage for the benefit of the Crystal Falls generating station.

HYDRAULIC INVESTIGATIONS

During 1941 engineering work was continued in connection with maintenance of the hydraulic plants on the various systems. Matters having to do with lands, contracts and agreements, were handled. Supervision of storage reservoirs and water supply to plants in various systems and the routine collection of hydrometric data were continued. Investigations at certain generating stations were carried on to ensure proper hydraulic operating conditions.

At Chats Falls generating station, hydraulic tests were made to determine the improvement in performance resulting from the rehabilitation of several of the generating units.

TRANSPORTATION IN NORTHERN ONTARIO
Tractor drawing poles to support line supplying Northern Ontario mine

SECTION VI

ELECTRICAL ENGINEERING AND CONSTRUCTION

THE new generating station at Big Eddy on the Muskoka river* was completed and electrical equipment was purchased for the new development at Barrett Chute on the Madawaska river.

Additional 230,000-volt transmission circuit capacity was built from the Quebec border to Burlington and placed in service with the new 150,000-kv-a station there.

Altogether 515 miles of transmission circuits were completed during the year and the rural lines were extended a total of 771 miles to give service to 8,896 additional customers

The continued rapid growth of industrial loads on the various systems required, throughout the year, extensive engineering studies and planning for new stations and circuits and improved voltage regulation. These studies included the proposed St. Lawrence development as a future source of power. To facilitate these studies a network calculator was purchased for installation in the office building.

On later pages of this section a tabulation gives all transformer and distribution stations where construction work was under way and where transformer capacity was increased during 1941. A tabulation also gives the total mileage of transmission lines and circuits and another tabulation gives a summary of construction in rural power districts.

Engineering assistance was given to a large number of municipalities in connection with the purchase and installation of new equipment and in changes to their local stations. Detailed reference to some of the larger installations is given in the following paragraphs:

NIAGARA SYSTEM

A 230,000-volt single-circuit steel-tower line was completed from the Ontario-Quebec boundary near the St. Lawrence river to Leaside transformer station, a distance of 275 miles. A 230,000-volt double-circuit steel-tower line was built from a point near Toronto-Leaside transformer station to the new Burlington transformer station, a distance of 45 miles.

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*See reference to river on page 62.

The 230,000-volt, 150,000-kv-a Burlington transformer station, started in 1940, was placed in service during 1941. An additional bank of three 25,000-kv-a transformers and a 75,000-kv-a voltage regulator were purchased for a third bank to be installed in 1942.

Two transformer stations were installed and placed in service in the Welland district. One of these, Crowland transformer station, has an installed capacity of three 25,000-kv-a three-phase transformers and the other, Atlas Steel transformer station has one similar transformer in service while the installation of a second unit will be completed early in 1942.

A new 50,000-kv-a transformer station is under construction at Sherbourne street and Esplanade in Toronto and will be in service early in 1942.

At Palmerston a one unit 8,000-kv-a transformer station is nearly completed.

The transformer capacity at Preston transformer station was increased.

Switching equipment was installed at Toronto-Leaside transformer station for the control of a 230,000-volt transmission circuit to Burlington transformer station.

An outdoor transformer station is being erected at Niagara for the control of the 110,000-volt power supply from Toronto Power development and to provide for the installation of the, now, temporarily installed 48,000-kv-a transformer bank.

A total of nineteen new distributing stations were installed throughout the system and the capacity of fourteen others was increased. The total increased transformer capacity in the distributing stations is 42,225 kv-a.

Studies were made of the electrical plant for the development of additional 25-cycle power at DeCew Falls and for other sources of power, including the proposed St. Lawrence development and power sites on the Ottawa river.

GEORGIAN BAY SYSTEM

The generating station at Big Eddy on the Muskoka river was placed in service in October 1941. This added 10,000-kv-a generating capacity to the system.

Two new distributing stations were installed and the transformer capacity of five others was increased. The total increased capacity in the seven stations is 2,800 kv-a.

Studies of alternative means of providing more power to the system were carried out and arrangements were made for raising the transmission voltage from 22,000 to 38,000 volts in order to increase the capacity of the circuits.

EASTERN ONTARIO SYSTEM

A new generating station is being constructed at Barrett Chute development on the Madawaska river. The installation will consist of two 24,000-kv-a vertical type generators with two three-phase transformers of similar capacity to step-up to a transmission voltage of 110,000 volts. All equipment is purchased and the first unit will be in service in the summer of 1942.

A 15,000-kv-a transformer station was erected at Oshawa and additional transformer capacity was installed at Smith Falls transformer station.

Additional switching equipment was installed at Auburn transformer station and Ranney Falls generating station to connect in new 44,000-volt transmission circuits.

A sixty-five mile 110,000-volt transmission circuit from Sidney transformer station to Oshawa was placed in service and a twenty-six mile 44,000-volt circuit was built between Ranney Falls generating station and Auburn switching station.

A total increase in transformer capacity of 9,750 kv-a was installed at fifteen distributing stations on the system.

Arrangements were completed for accurate control of the system frequency and the necessary equipment will be installed at the generating stations during 1942.

NORTHERN ONTARIO PROPERTIES

A bank of three 1,500-kv-a transformers was installed at Shiningtree transformer station replacing a 1,000-kv-a three-phase unit. An additional 3 000-kv-a transformer bank was installed at Sudbury distributing station.

A 26,400-volt transmission line was built from Shiningtree transformer station a distance of forty-two miles to supply power to Jerome Gold Mines Limited.

Plans were completed for increasing the flexibility of the interconnection between the Northern Ontario Properties (Abitibi district) and the Abitibi Pulp and Paper Company's system at Hunta where an 18,000-kv-a (circuit-capacity) auto-transformer will be installed. This will permit an increase in the system transmission voltage.

Studies were also carried out for additional power supply to the Sudbury district.

OFFICE BUILDING

The Commission's sixteen storey office building was completed during the year and the staff re-established in the new quarters.

DISTRIBUTION LINES

At the end of this section is a tabulation of the mileage of distribution lines constructed by the Commission in rural power districts and the number

TRANSPORTATION IN NORTHERN ONTARIO
Cable for transmission line being hauled in by tractor

of consumers served. The capital invested in these rural power districts at October 31, 1941, was approximately $38,900,000.

In addition to the extensions in connection with rural electrical service the Commission extended supply lines and constructed distribution systems for the Dominion Government to serve aerodromes in many sections of the Province. Engineering assistance was also given to the Department of Highways, and the Commission installed traffic signals and flashes at various intersections. A signal head with large red lens was developed and installed at about fifty locations.

TRANSFORMER CHANGES COMPLETED DURING YEAR ENDED OCT. 31, 1941 and Some of Special Importance for Completion in 1942

Installed transformers							Removed transformers		
Stations	No	Kv-a	Ph	Total kv-a	From	In service	No	Kv-a	To
Niagara System									
N29 Atlas Steel T.S.	1	25,000	3	25,000	Reserve	Mar. 2, '41			
N29 Atlas Steel T.S.	1	25,000	3	25,000	Reserve	1942			
NA39 Burlington T.S.	6	25,000	1	150,000	New	Oct. 11, '41			
N41 Crowland T.S.	3	25,000	3	75,000	Reserve	Aug. 29, '41			
N24 Hamilton-Gage T.S.	1	25,000	3	25,000	Reserve	Dec. 21, '40			
N28 Palmerston T.S.	1	8,000	3	8,000	Reserve	1942			
N6 Preston T.S.	3	2,850	1	8,550	Reserve	Feb. 23, '41	3	1,250	Reserve
N42 Toronto Power T.S.	3	16,000	3	48,000	Reserve	1942			
N36 Toronto-Esplanade T.S.	2	25,000	3	50,000	Reserve	1942			
N45 Welland T.S.	2	5,500	1	11,000	Reserve	Dec. 9, '40			
N2902-1 Atlas Steel D.S.	2	3,000	3	6,000	New	Mar. 2, '41			
N125 Dunnville D.S. (Dep.ofNat.Def.)	1	1,500	3	1,500	Reserve	Nov. 17,'40			

TRANSFORMER CHANGES COMPLETED DURING YEAR ENDED OCT. 31, 1941 and Some of Special Importance for Completion in 1942

Installed transformers							Removed transformers		
Stations	No	Kv-a	Ph	Total kv-a	From	In service	No	Kv-a	To
Niagara System —Continued									
N225 Hagersville D.S. (Dep.ofNat.Def.)	1	600	3	600	Reserve	Aug. 29, '41	...	...	...
N224 Jarvis D.S. (Dep.ofNat.Def.)	3	200	1	600	Reserve	Aug. 3, '41	...	...	...
N253 Rainham D.S.	1	300	3	300	Reserve	Mar. 1, '41	...	...	...
N221 Ryckman D.S. (Dep.ofNat.Def.)	3	333	1	1,000	Reserve	Dec. 12, '40	...	...	...
N251 Ryckman	...	...	...	...	...	Dec. 12, '40	3	150	Reserve
N3539 deHavilland D.S.	1	1,875	3	1,875	Reserve	Jan. 12, '41	3	500	Reserve
N3408 General Engineering Co. Stn.	1	1,875	3	1,875	Reserve	July 6, '41	...	...	...
N3434 East York D.S. No. 4	1	1,875	3	1,875	New	Oct. 29, '41	...	...	...
N3559 Sharon D.S.	1	600	3	600	Reserve	June 15, '41	2	150	Reserve
N3531 York (Stn. A.) D.S.	1	3,750	3	3,750	New	Dec. 5, '40	...	...	...
N3532 York (Stn. B.) D.S.	1	3,750	3	3,750	New	Dec. 6, '40	...	...	...
N3533 York (Stn. C.) D.S.	1	3,750	3	3,750	New	Dec. 9, '40	...	...	...
N3534 York (Stn. D.) D.S.	1	3,750	3	3,750	New	Feb. 27, '41	...	...	...
N3536 York (Stn. E.) D.S.	1	3,750	3	3,750	New	Feb. 23, '41	...	...	...
N3537 York (Stn. F.) D.S.	1	3,750	3	3,750	New	Mar. 6, '41	...	...	...
N451 Broughdale D.S.	3	500	1	1,500	Reserve	June 1, '41	3	250	Baden
N443 Exeter D.S.	3	150	1	450	Reserve	July 19, '41	...	...	...
N455 Glendale D.S.	3	667	1	2,000	Reserve	Sept. 4, '41	3	250	Reserve
N440 Lucan D.S.	3	150	1	450	Reserve	Aug. 12, '41	3	100	Reserve
N530 Guelph D.S.	1	600	3	600	Reserve	Sept. 14, '41	...	...	...
N637 Centreville D.S.	1	600	3	600	Reserve	Sept. 17, '41	...	...	...
N735 Baden D.S.	3	250	1	750	Broughdale	Aug. 31, '41	1 2	150 150	Scrap Salvage
N821 Clinton D.S. (Dep.ofNat.Def.)	1	600	3	600	Reserve	June 30, '41	...	...	...
N9D31 St. Marys R.S.	3	333	1	1,000	Reserve	April 20, '41	3	150	Reserve
N1047 Nor. Ingersoll D.S.	3	333	1	1,000	Reserve	Mar. 9, '41	3	150	Reserve
N1111 Aylmer D.S. (Dep.ofNat.Def.)	3	500	1	1,500	Reserve	May 6, '41	...	...	...
N1138 Aylmer D.S.	...	...	...	...	...	May 6, '41	3	250	Reserve
N1253 St. Williams D.S.	3	333	1	1,000	Reserve	Nov. 10, '40	3	150	Reserve
N1233 Dumfries D.S.	1	75	1	75	Reserve	Mar. 9, '41	...	...	...
N1856 Watford D.S.	1	150	3	450	Reserve	Dec. 22, '41	...	...	...
K14 Service Building	3	75	1	225	New	May 18, '41	3	50	Reserve
N1432 Tilbury D.S.	1	300	3	300	Reserve	Dec. 19, '40	...	...	...
N1857 Corunna D.S.	3	150	1	450	Reserve	Aug. 21, '41	...	...	...
ND5 Beamsville D.S.		Dism	a n	led	...	May 31, '41	3	100	Reserve
ND6 Grimsby D.S.		Dism	a n	led	...	May 14, '41	3	500	Salvage
ND7 Smithville D.S.		Dism	an	led	...	May 31, '41	3	100	Reserve
Georgian Bay System									
G10 Big Eddy Dev.	3	3,000	1	9,000	New	Oct. 11, '41	...	...	...
GE29 Durham-Russel D.S.		Dism	ant	led	...	April 17, '41	3	150	Durham
GE7 Durham D.S.	3	150	1	450	GE29	Jan. 26, '41	3	100	Reserve

TRANSFORMER CHANGES COMPLETED DURING YEAR ENDED OCT. 31, 1941 and Some of Special Importance for Completion in 1942

Installed transformers							Removed transformers		
Stations	No	Kv-a	Ph	Total kv-a	From	In service	No	Kv-a	To
Georgian Bay System —Continued									
GE5 Chatsworth D.S.	3	50	1	150	Callander D.S. (Can. Timber Co.)	Nov. 17,'40	3	25	Reserve
GS32 Alliston D.S.	3	200	1	600	Reserve	Oct. 5, '41	3	125	Reserve
GS2231 Camp Borden D.S.	1	50	1	50	New	July 9, '41			
GS2201 Camp Borden D.S. No. 1 (Dep.ofNat.Def.)	3	667	1	2,000	Reserve	June 22, '41	3	125	Property of Customer
GW14 Thorah D.S.	3	200	1	600	New	July 22, '41			
GW3 Cannington D.S.	3	150	1	450	Reserve	Nov. 1, '40	3	100	Reserve
Non-System R.P. District (Manitoulin (XM)									
XM131 Kagawong D.S.	3	100	1	300	New	Aug. 20, '41			
Eastern Ontario System									
Q16 National Research Ottawa T.S.	3	1,000	1	3,000	New	June 1, '41			
Q15 Oshawa T.S.	3	5,000	1	15,000	Reserve	Mar. 11,'41			
Q2 Smiths Falls T.S.	3	5,000	1	15,000	Reserve	Aug. 17, '41	4	1,250	Reserve
Q9 Carleton Place D.S.	1	750	3	750	Reserve	Aug. 31, '41			
QC6 Brighton D.S.	3	200	1	600	Reserve	Dec. 15, '40			Reserve
QC9301 Cataraqui R.S. (Dep.ofNat.Def.)	3	667	1	2,000	Reserve	Dec. 8, '40			
QC93 Cataraqui R.S.						Dec. 8, '40	3	250	Reserve
QC1832 Lakefield D.S.		Dismantled				Dec. 9, '40	3	75	Reserve
QC29 Lindsay D.S.	1	1,500	3	1,500	Reserve	Dec. 18, '40			
QC26 Omemee D.S.	3	100	1	300	Reserve	Dec. 15, '40	3	50	Reserve
QC27 Oshawa D.S. No. 3	1	3,000	3	3,000	Reserve	Oct. 1, '41			
QC4001 Mountain View D.S. (Dep.ofNat.Def.)	3	250	1	750	Reserve	Jan. 17, '41			
QC20D31 Peterboro D.S. No. 3	3	200	1	600	Reserve	July 24, '41			
QC4503 Picton R.S. (Dep.ofNat.Def.)	3	250	1	750	Reserve	Nov. 17,'40			
QC45D32 Picton R.S.	3					Nov. 17,'40	3	100	Reserve
QC16 Port Hope D.S.	1	750	3	750	Reserve	Nov. 17,'40			
QC34 Sulphide D.S.	1	300	3	300	Reserve	July 6, '41			
QC24D31 Whitby D.S.	1	1,000	3	1,000	Reserve	June 29, '41			
QT134 Ottawa D.S. No. 2	3	250	1	750	New	June 28, '41			
QH5 Carleton Place D.S.		Dismantled				Aug. 31, '41	3 3	200 250	Salvage Salvage
QC3431 Nichols Chem. Co. M.E.		Removed				Sept. 28,'41	3	100	Scrap
QL14 Apple Hill D.S.	1	150	3	150	Reserve	Feb. 14, '41	1	150	Scrap
QL17 Maxville D.S.	3	50	1	150	Reserve	Nov. 10,'40	3	25	Reserve
Northern Ontario Properties									
FA25 Shiningtree T.S.	3	1,500	1	4,500	Reserve	April 20,'41	1	1,000	Reserve
FA1835 Hyslop D.S.	1	75	1	75	Reserve	June 30, '41	2	25	Reserve
FS11 Sudbury D.S. No. 2	3	1,000	1	3,000	New	June 22, '41			

TOTAL MILEAGE OF TRANSMISSION LINES AND CIRCUITS

System and voltage	Kind of structures	Line route or structure miles			Circuit miles
		Total to Oct. 31, 1940	Additions 1941	Total to Oct. 31, 1941	Total to Oct. 31, 1941
Niagara System					
230,000-volt	steel	705.40	319.72	1,025.12	1,069.97
110,000-volt	"	829.36	30.77	860.13	1,545.43
110,000-volt	wood	74.54	5.01	79.55	81.38
90,000-volt	steel	65.85	....	65.85	120.81
60,000-volt	"	78.75	*19.17	59.58	35.57
60,000-volt	wood	10.48	* 9.86	0.62	0.62
46,000-volt	steel	32.42	0.05	32.47	65.17
46,000-volt	wood	23.73	* 1.51	22.22	22.22
26,400-volt	"	747.67	90.02	837.69	986.45
13,200-volt	"	370.35	*60.56	309.79	337.78
13,200-volt	steel	1.17	....	1.17	2.34
12,000-volt	wood	97.76	* 1.15	96.61	124.83
Dominion Power division—44,000-volt	steel	34.76	....	34.76	72.07
Dominion Power division—44,000-volt	wood	118.37	* 1.80	116.57	112.95
Dominion Power division—22,000-volt	"	28.69	....	28.69	38.21
Dominion Power division—10,000-volt	"	14.46	....	14.46	14.46
Georgian Bay System					
110,000-volt	wood	55.83	....	55.83	55.83
38,000-volt	"	182.55	16.82	199.37	199.80
6,600-volt	"	2.30	....	2.30	2.30
Severn district—22,000-volt	"	147.11	*13.25	133.86	204.58
Eugenia district—26,400-volt and less	"	247.40	* 1.25	246.15	328.73
Wasdell district—22,000-volt	"	83.43	....	83.43	87.37
Muskoka district—38,000-volt	"	26.31	....	26.31	26.31
Eastern Ontario System					
110,000-volt	steel	163.23	....	163.23	166.54
110,000-volt	wood	214.38	67.11	281.49	281.49
44,000-volt	"	24.33	....	24.33	24.33
33,000-volt	"	42.26	....	42.26	47.94
Central district—44,000-volt and less	"	530.88	*34.87	496.01	534.24
St. Lawrence district—44,000-volt	"	128.29	....	128.29	128.67
Rideau district—26,400-volt	"	62.63	....	62.63	62.63
Madawaska district—33,000-volt and less	"	58.81	0.20	59.01	59.01
Thunder Bay System					
110,000-volt	steel	82.12	....	82.12	164.28
110,000-volt	wood	178.21	....	178.21	178.21
44,000-volt	"	114.91	....	114.91	114.91
22,000-volt	"	7.87	....	7.87	7.87
12,000-volt	"	1.45	....	1.45	1.45
Northern Ontario Properties					
Nipissing district—22,000-volt	wood	62.39	* 0.07	62.32	78.84
Sudbury district—110,000-volt	"	46.23	....	46.23	46.23
Sudbury district—22,000-volt	"	59.86	1.50	61.36	61.36
Abitibi district—132,000-volt	steel	362.74	....	362.74	725.48
Abitibi district—132,000-volt	wood	190.19	....	190.19	190.19
Abitibi district—33,000-volt and less	"	100.26	52.35	152.61	153.37
Patricia district—44,000-volt	"	344.02	....	344.02	344.02
Patricia district—22,000-volt	"	33.01	....	33.01	33.18
Totals		6,786.76	†440.06	7,226.82	8,939.42

*Removals. †Net increase.

TRANSMISSION LINE CHANGES AND ADDITIONS MADE DURING YEAR ENDED OCTOBER 31, 1941

NIAGARA SYSTEM

High-Voltage Lines

A 230,000-volt, single-circuit, steel-tower line was completed from the Ontario-Quebec boundary near the St. Lawrence 240.83 miles to Brooklin junction.

A 230,000-volt, single-circuit, steel-tower line was built from Brooklin junction 25.19 miles to Leaside junction.

A 230,000-volt, single-circuit, steel-tower line was built from Leaside junction 8.85 miles to Leaside transformer station.

A 230,000-volt, double-circuit, steel-tower line was built from Leaside junction 44.85 miles to Burlington transformer station.

Five 230,000-volt, single-circuit, steel towers entering Leaside transformer station were removed and replaced with extensions to the existing bridge structures.

Two 110,000-volt, double-circuit, steel-tower lines were built from Burlington transformer station 1.64 miles to Wentworth junction.

The 110,000-volt, double-circuit, steel-tower line from Hamilton junction to Nelson junction was looped through Burlington transformer station.

A 110,000-volt, double-circuit, steel-tower line was built from Hamilton junction 1.16 miles to Hamilton Beach transformer station.

The 110,000-volt, double-circuit, steel-tower line from Saltfleet junction 1.24 miles to Hamilton junction was removed.

The 110,000-volt, single-circuit, wood-pole line from Hamilton junction 1.16 miles to Hamilton Beach transformer station was removed.

A 110,000-volt, double-circuit, steel-tower line was built from Holland Road junction 7.07 miles to Michigan junction.

A 110,000-volt, single-circuit, steel-tower line was built from Michigan junction 2.30 miles to Atlas Steels transformer station.

A 110,000-volt, single-circuit, steel-tower line was built from Atlas Steels transformer station 2.27 miles to Crowland junction.

A 110,000-volt, double-circuit, steel-tower line was built from Crowland junction 0.70 mile to Crowland transformer station.

The 60,000-volt, single-circuit, steel-tower line from Crowland junction 4.42 miles and the double-circuit, steel-tower line 1.83 miles to Port Colborne transformer station were re-strung with heavier conductor and placed in service at 110,000 volts.

The 60,000-volt, single-circuit wood-pole line from Crowland transformer station 4.02 miles was rebuilt for 110,000-volt operation and extended to Port Colborne transformer station on one circuit of the double-circuit, steel-tower line above.

A 110,000-volt, single-circuit, wood-pole line was built from "T.P." transformer station 2.15 miles to Montrose junction.

The 60,000-volt, single-circuit, steel-tower line from Montrose junction 5.70 miles to Michigan junction was placed in service at 110,000 volts.

The 60,000-volt, double-circuit, steel-tower line from Michigan junction 3.43 miles to Crowland junction was placed in service at 110,000 volts.

The 60,000-volt, single-circuit, steel-tower line from Wabash junction 4.03 miles to Michigan junction was removed.

The 60,000-volt, single-circuit, wood-pole line from Wabash junction 3.21 miles to Thorold transformer station was removed.

A half-mile portion of the 60,000-volt, single-circuit, wood-pole line from Crowland to Port Colborne transformer station was removed.

A steel ground cable was installed on the 110,000-volt, single-circuit, steel-tower line from St. Thomas transformer station 1.03 miles to Essex transformer station.

Low-Voltage Lines

NIAGARA DISTRICT:—A part of the 12,000-volt line from "T.P." transformer station 4.10 miles to Welland Chemical Works was removed.

DUNDAS DISTRICT:—A 26,400-volt line was placed in service from Rainham junction 1.27 miles to Rainham distributing station.

A 26,400-volt line was built from Oneida junction 5.03 miles to Hagersville airport, 3.03 miles of which was for the Dominion Government.

PRESTON DISTRICT:—A 26,400-volt line was built from Preston transformer station 4.80 miles to Centreville distributing station.

KITCHENER DISTRICT:—The 13,200-volt line from Kitchener transformer station 12.22 miles to New Hamburg distributing station was converted to pole-top-pin construction.

STRATFORD DISTRICT:—A 26,400-volt line was built from Hullett junction 2.79 miles to the R.C.A.F. school, Clinton, for the Dominion Government.

WOODSTOCK DISTRICT:—The 13,200-volt line from Woodstock transformer station 11.08 miles to Norwich junction was reinsulated for 26,400 volts and converted to pole-top-pin construction; 4.87 miles were relocated.

The 13,200-volt line from Woodstock transformer station 9.93 miles to Ingersoll municipal station was reinsulated for 26,400 volts and converted to pole-top-pin construction; 3.50 miles were relocated.

The operating voltage of the district was raised from 13,200 volts to 26,400 volts.

ST. THOMAS DISTRICT:— A section of the 13,200-volt line from Aylmer junction to Aylmer distributing station was relocated.

BRANT DISTRICT:—A 26,400-volt line was built from Brant transformer station 1.88 miles to Consolidated Sand and Gravel junction.

A 26,400-volt line was built from Consolidated Sand and Gravel junction 0.50 mile to new Paris junction.

The 26,400-volt line from old Paris junction 1.49 miles to Consolidated Sand and Gravel junction was removed.

The 26,400-volt line from Bloomsburg junction 3.4 miles to Port Dover junction was removed.

KENT DISTRICT:—A 26,400-volt line was built from Kent transformer station 1.47 miles to Prince Albert junction.

YORK DISTRICT:—A 26,400-volt line was built from York transformer station 1.25 miles to York junction.

A 26,400-volt line was built from Lakeview junction 1.49 miles to Rifle Range distributing station.

The operating voltage of the district was raised from 13,200 volts to 26,400 volts.

HAMILTON DISTRICT:—A 13,200-volt line was built from Central Avenue junction 0.52 mile to Hamilton municipal station.

A 13,200-volt line was built from Hamilton-Gage transformer station 0.68 mile to the Burlington Steel Company.

A 13,200-volt line was built from Hamilton-Gage transformer station 0.68 miles to Sherman Avenue.

The 13,200-volt line from Hamilton Beach transformer station 1.37 miles to Windermere junction was relocated.

ST. CLAIR DISTRICT:—A 26,400-volt line was built from St. Clair transformer station 5.70 miles to Corunna distributing station.

TORONTO AND LEASIDE DISTRICTS:—A 13,200-volt line was built from Fairside Avenue junction 0.15 mile to East York distributing station No. 4.

A 13,200-volt line was built from Cedarvale Avenue junction 0.24 mile to East York distributing station No. 5.

A 13,200-volt line was built from Cedarvale Avenue junction 1.12 miles to East York distributing station No. 6.

A 13,200-volt line was built from East York distributing station No. 3, 0.77 mile to Fairside Avenue junction.

A 13,200-volt line was built from Fairside Avenue junction 0.61 mile to Cedarvale Avenue junction.

A 13,200-volt line was built from East York distributing Station No. 6, 0.78 mile to August Avenue junction.

One circuit of the 13,200-volt line from Leaside transformer station 0.29 mile to Don junction was restrung.

The 13,200-volt line from Don junction 3.91 miles to Wardin Avenue junction was restrung.

TORONTO AND FAIRBANK DISTRICT:—A 26,400-volt line was built from Fairbank transformer station 0.38 mile to Lyon Avenue junction.

A 26,400-volt line was built from Lyon Avenue junction 0.41 mile to Belvidere Avenue junction.

A 26,400-volt line was built from Belvidere Avenue junction 0.43 mile to York distributing station "D".

A 26,400-volt line was built from Belvidere Avenue junction 0.82 mile to York distributing station "F".

A 26,400-volt line was built from Fairbank transformer station 0.49 mile to York distributing station "E".

A 26,400-volt line was built from Lyon Avenue junction 0.16 mile to York distributing station "E".

A 26,400-volt line was built from Fairbank transformer station 2.50 miles to York distributing station "C".

A 26,400-volt line was built from York distributing station "C" 1.58 miles to York distributing station "A".

A 26,400-volt line was built from Kodak junction 0.18 mile to York distributing station "B".

THOROLD DISTRICT:—A 12,000-volt line was built from Interlake Tissue Mills 3.26 miles to Lincoln distributing station.

WELLAND DISTRICT:—A 26,400-volt line was built from Atlas Steels (Welland) transformer station 0.24 mile to Welland distributing station.

A 26,400-volt line was built from Crowland transformer station 2.01 miles to Atlas Steels (Welland) transformer station.

26,400-volt lines totalling 3.08 miles were built to complete four circuits between Crowland transformer station and Welland transformer station.

The 46,000-volt line from Schoffield junction 1.17 miles to Welland distributing station was converted to 26,400-volt operation.

The 12,000-volt line from the Electro Metals Company 1.77 miles to Empire Cotton distributing station and Canada Steel Foundry was removed.

NIAGARA-DOMINION DISTRICT:—A section of the 44,000-volt line from Ship Canal junction to Niagara frequency changer station 1.80 miles in length was removed.

GEORGIAN BAY SYSTEM

High-Voltage Lines

A 38,000-volt, single-circuit, wood-pole line was built from Big Eddy generating station 3.68 miles to Ragged Rapids generating station.

A 44,000-volt, single-circuit, wood-pole line was built from Seguin River junction 0.44 mile to Parry Sound Public Utilities Commission station for that Commission.

The 22,000-volt, double-circuit, wood-pole line from Fergusonvale junction 0.10 mile to Fergusonvale auto-transformer station was converted to single-circuit construction and reinsulated for 38,000 volts.

A 38,000-volt, double-circuit, wood-pole line was built from Camp Borden junction 1.50 miles to Barrie junction.

The 22,000-volt, single-circuit, wood-pole line from Barrie junction 1.02 miles to Barrie distributing station was converted to pole-top-pin construction and reinsulated for 38,000 volts.

The 22,000-volt, single-circuit, wood-pole line from Camp Borden junction 13.05 miles to Camp Borden distributing station was restrung and reinsulated for 38,000 volts, and converted to pole-top-pin construction.

The 22,000-volt, double-circuit, wood-pole line from Fergusonvale auto-transformer station 7.28 miles to Midhurst distributing station was rebuilt and one circuit was reinsulated for 38,000 volts.

The 22,000-volt, double-circuit, wood-pole line from Midhurst distributing station 3.34 miles to Camp Borden junction was rebuilt and reinsulated for 38,000 volts; 1.67 miles were relocated.

EUGENIA DISTRICT:—The 22,000-volt line from Hanover switching station 0.18 mile to Chesley junction was restrung.

The 22,000-volt line from Southampton generating station 1.25 miles to Southampton junction was removed.

SEVERN DISTRICT:—The 22,000-volt lines from Bradford junction 11.11 miles to Alliston distributing station were converted to pole-top-pin construction.

The sky wire was removed from the 22,000-volt line Big Chute generating station 7.50 miles to Swift Rapid generating station.

The 22,000-volt line from Camp Borden junction 3.28 miles to Barrie distributing station was removed.

EASTERN ONTARIO SYSTEM

High-Voltage Lines

A 110,000-volt, single-circuit, wood-pole line was built from Cyrville junction 1.47 miles to National Research (Ottawa) transformer station.

The 110,000-volt line from Sidney transformer station 65.64 miles to Oshawa transformer station was placed in service at 110,000 volts.

CENTRAL DISTRICT:—A 44,000-volt line was built from Ranney Falls generating station 25.74 miles to Auburn switching station.

A 44,000-volt line was built from Weller Bay junction 8.53 miles to Mountain View airport for the Dominion Government.

A 44,000-volt line was built from Whitby municipal station 4.60 miles to the plant of Defence Industries Limited at Pickering for that Company.

A 44,000-volt circuit was erected on poles owned by the Peterboro Utilities Commission from Peterboro municipal station No. 1, 0.52 mile to the Canadian General Electric Company.

The 11,000-volt line from Fenelon Falls generating station 13.64 miles to Lindsay distributing station was relocated.

The sky wire was removed from the 44,000-volt line Old Pulp Mill junction 15.50 miles to Stirling municipal station.

The sky wire was removed from the 44,000-volt line G.B. junction 13.46 miles to Belleville switching station.

The sky wire was removed from the 44,000-volt line Madoc switching station 9.60 miles to Madoc distributing station.

The sky wire was renewed for 0.67 mile on the 44,000-volt line Seymour generating station 1.20 miles to Old Pulp Mill junction; the balance was removed.

The 6,600-volt circuit from Auburn generating station 0.10 mile to Dominion Woollen Mills was removed.

MADAWASKA DISTRICT:—A 33,000-volt line was built from Calabogie junction 6.45 miles to Barrett Chute development.

The 11,000-volt line from Galetta generating station 6.25 miles to Arnprior distributing station was removed.

NORTHERN ONTARIO PROPERTIES

ABITIBI DISTRICT:—A 26,400-volt line was built from Larder Lake transformer station 9.92 miles to Yama Gold Mines Limited.

A 26,400-volt line was built from Broulan Porcupine Mines Limited 0.60 mile to Bonetal Gold Mines Limited.

A 26,400-volt line was built from Shiningtree transformer station 41.60 miles to Jerome Gold Mines Limited.

The 26,400-volt line from Ramore transformer station to Hollinger Consolidated Gold Mines Limited (Ross Mine) was extended 0.23 mile to the new mine station.

The 26,400-volt line from Paymaster Consolidated Gold Mines Limited to Simpson Lake junction was relocated for 0.10 mile.

SUDBURY DISTRICT:—The 22,000-volt line from Neelon junction was extended 0.69 mile to Sudbury distributing station No. 2.

The 22,000-volt line from Sudbury distributing station No. 1 was extended 0.66 mile to Sudbury distributing station No. 2.

The 22,000-volt line from Coniston generating station to Sudbury distributing station No. 1 was relocated for 1.08 miles.

NIPISSING DISTRICT:—The 22,000-volt line from Callander junction 0.07 mile to Canadian Timber Company Limited was removed.

TELEPHONE LINES—ALL SYSTEMS

In the Niagara system, portions of the line from Dundas transformer station to Sheridan junction were rebuilt for a distance of 14.5 miles. The single circuit, which is carried on transmission line poles a distance of 9.5 miles from Sharon distributing station to Keswick junction, was completely rebuilt. Part of the line from London transformer station to St. Thomas transformer station was rebuilt, a distance of 2.2 miles. The single circuit from Stratford transformer station to St. Marys transformer station was rebuilt, a distance of 14.2 miles. Portions of the line from St. Thomas transformer station to Kent transformer station, totalling approximately 10 miles, were completely rebuilt. A portion of the line from Erbs junction to Stratford transformer station, 3.7 miles in length, was relocated and rebuilt.

A single circuit was erected on the 13,000-volt transmission line poles from Preston transformer station 4.80 miles to Centreville distributing station. A single circuit was erected on 26,000-volt transmission line poles from St. Clair transformer station 5.70 miles to Corunna distributing station. A single circuit was erected on the 13,000-volt transmission line poles from Interlake Tissue Mills 3.26 miles to St. Catharines (Vine street) station.

A single circuit was erected for the Dominion Government on 26,000-volt transmission line poles from Oneida junction 5.03 miles to the R.C.A.F. flying school at Hagersville. Also a single circuit was erected on 26,000-volt transmission line poles from Hullett junction 2.79 miles to Clinton R.C.A.F. wireless school.

For the purpose of control and telephone service, a 45-pair, paper-insulated, lead-covered cable was installed from Bridgman-Davenport transformer station 3 miles to Wiltshire transformer station. A 52-pair, paper-insulated, lead-covered cable was installed from Atlas Steels transformer station 2.89 miles to Crowland transformer station.

Telephone line carrier installations were made for operation between Niagara transformer station and Wiltshire transformer station and between London transformer station and Wiltshire transformer station.

In the Georgian Bay system, a single circuit was erected, partly on 44,000-volt transmission line poles, from Big Eddy generating station a distance of 40.9 miles to Canadian Industries Limited at Nobel. Portions of the line between Painswick distributing station and Fergusonvale switching station totalling 3.2 miles were re-routed, and two new circuits were erected on 38,000-volt transmission line poles for a distance of 1.02 miles from Barrie junction to Barrie distributing station.

In the Eastern Ontario system, the line from Sidney transformer station to Belleville switching station was rebuilt, a distance of approximately 12 miles. A four-circuit line was rebuilt and a 35-pair cable was installed from Port Hope distributing station 700 feet to Port Hope switching station.

A double circuit was erected on 33,000-volt transmission line poles from Calabogie generating station 6.80 miles to the new Barrett Chute development. A single circuit was erected from Smiths Falls transformer station 1.1 miles to the Smiths Falls field office. A single circuit was erected from Winchester distributing station a distance of 1.3 miles to the Winchester rural office. A single circuit was erected on 11,000-volt transmission line poles a distance of 13.64 miles between Fenelon Falls generating station and Lindsay transformer station. A double circuit was erected from Oshawa transformer station 1.16 miles to Oshawa distributing station No. 1. A single circuit was erected from Oshawa distributing station No. 2 a distance of 5.86 miles to Brooklin and Brinlock junctions.

A single circuit was constructed for the Dominion Government on 44,000-volt transmission line poles from Weller Bay junction 8.43 miles to Mountain View airport.

A 19-pair, paper-insulated, lead-covered cable was erected from Oshawa transformer station a distance of 1.16 miles to Oshawa distributing station No. 1.

Telephone line carrier installations were made for operation between Smiths Falls transformer station and Ottawa transformer station.

In the Northern Ontario Properties, a single circuit was erected on 26,000-volt transmission line poles from Larder Lake transformer station 9.92 miles to Yama Gold Mines Limited. A single circuit was erected on 26,000-volt transmission line poles from Shiningtree transformer station 41.60 miles to Jerome Gold Mines Limited. A three-circuit line was erected from Kirkland Lake transformer station a distance of 1.37 miles to Kirkland Lake switching station. A single circuit was erected on 22,000-volt transmission line poles from Sudbury distributing station No. 1 a distance of 2.26 miles to the new Sudbury distributing station No. 2.

The single circuit on 22,000-volt transmission line poles was restrung from Minnow Lake diverson 4.6 miles to Sudbury distributing station No. 1.

DISTRIBUTION LINES AND SYSTEMS IN RURAL POWER DISTRICTS

The following summary shows the mileage of distribution lines constructed by the Commission in rural power districts and the number of consumers served.

The summary indicates a total construction during the year of 771 miles of new primary line completed and giving service to 8,896 additional consumers.

SUMMARY OF CONSTRUCTION IN RURAL POWER DISTRICTS

System and district	At October 31, 1940		At October 31, 1941					
			Miles of primary line			Number of consumers		
	Miles of primary line constructed	Number of consumers receiving service	Constructed	Under construction or authorized	Total	Receiving service	Authorized	Total
NIAGARA SYSTEM.....	11,372.68	76,123	11,736.46	42.77	11,779.23	81,088	155	81,243
GEORGIAN BAY SYSTEM	2,878.10	17,200	3,049.59	13.71	3,063.30	18,487	18	18,505
Severn district.....	854.12	6,841	628.63	2.49	631.12	4,492	6	4,498
Eugenia district....	1,041.19	4,315	1,134.63	9.56	1,144.19	4,730	2	4,732
Wasdells district....	431.69	2,913	452.03	.40	452.43	3,076	4	3,080
Muskoka district...	361.52	2,043	367.34	.08	367.42	2,165	1	2,166
Bala district.......	101.43	629	108.50	.0	108.50	678	0	678
System R.P.D.'s....	88.15	459	358.46	1.18	359.64	3,346	5	3,351
EASTERN ONTARIO SYSTEM.........	4,448.06	25,305	4,618.54	18.66	4,637.20	26,962	80	27,042
Central district.....	2,650.39	15,262	2,757.21	10.57	2,767.78	16,327	49	16,376
St. Lawrence district	1,024.79	5,310	1,064.97	4.64	1,069.61	5,600	20	5,620
Rideau district.....	271.66	1,410	279.59	.20	279.79	1,474	1	1,475
Madawaska district.	149.52	1,125	155.82	1.12	156.94	1,228	1	1,229
Ottawa district.....	271.69	1,768	280.90	2.13	283.03	1,859	9	1,868
System R.P.D......	80.05	430	80.05	.0	80.05	474	0	474
THUNDER BAY SYSTEM	273.18	1,134	286.16	6.20	292.36	1,313	17	1,330
NORTHERN ONTARIO PROPERTIES......	279.09	2,596	331.88	.0	331.88	3,404	0	3,404
Abitibi district ...	41.00	143	53.04	.0	53.04	254	0	254
Manitoulin district.	141.55	637	162.16	.0	162.16	956	0	956
Sudbury district...	14.34	1,000	28.50	.0	28.50	1,286	0	1,286
Nipissing district..	82.20	816	88.18	.0	88.18	909	0	909
Totals.......	19,251.11	122,358	20,022.63	81.34	20,103.97	131,254	270	131,524

SECTION VII

TESTING—RESEARCH—INSPECTION

PRODUCTION AND SERVICE

THE Laboratories were active in research studies and investigations, routine testing and factory inspection, in examination and testing of electrical appliances for the safety of the public, and in war work.

With the continuance of the war, the value of research work has increased greatly and become one of the more important factors in the defence preparations of the Empire. The Commission has contributed to the war effort through the Laboratory staff and through its research activities in important construction and operation problems. Several members of the Laboratory staff have been released to the Government for special war research work.

One research project resulted in the development of devices to minimize harmful vibration of line conductors and thus make possible a reduction in the cost of building high-tension lines and an appreciable extension of the life of line conductors.

Problems in the use of concrete were investigated and new methods of test adapted to obtain further information regarding the magnitude of stresses in concrete structures. The disintegration of concrete and cracking caused by thermal effects continued to be important subjects of research.

Radio interference was studied with a view to improving conditions for broadcast listeners, and new instruments of high sensitivity were provided for use in these investigations.

The inspection service of the Laboratories is continuously in demand and the staff is active in ensuring that the equipment purchased by the Commission will have the desired operating characteristics and the highest possible efficiency. Priority regulations have increased the work required to prevent delays.

The Approvals Laboratory continued testing devices and fittings as agent of the Canadian Engineering Standards Association, and has effectively co-operated with the Electrical Inspection department to ensure protection against electric shock and fire, and to keep accidents in the Province at a minimum. Due to limitations in production of electrical equipment under war regulations, the volume of work decreased.

The photographic, blue-printing and photostat branches handled a larger amount of work. In August, their equipment and staffs were transferred to a more central location.

TESTING AND RESEARCH LABORATORIES

Routing and General Testing

The Laboratories each year conduct routine tests on many products and materials and inspect various equipment for the Commission and for the associated municipal Hydro utilities, during manufacture, after completion in the factory, and when erected. These services ensure a high quality in material and workmanship leading to satisfactory operation and low maintenance expense.

Materials and Equipment Inspection

Transmission Line Materials

A large quantity of transmission line materials including crossarms, insulator pins, brackets, clamps, general hardware, wire and cable was inspected. The amount of copper wire, steel reinforced aluminum and galvanized steel cable inspected was 4,972 tons, about 23 per cent more than in the previous year. Due to the necessity of conserving aluminum for war purposes the production of aluminum cable ceased about March 1941.

Vibration dampers for use on two new long transmission lines were an important part of the inspection work.

Electrical Equipment

Factory inspection was made and electrical tests witnessed on 248 transformers, with a total capacity of 385,229 kv-a. The number of oil circuit-breakers tested, 98, increased by 42 per cent, and their total capacity, 6,277,801 kv-a, was nearly 70 per cent higher. The high-voltage disconnecting switches inspected numbered 208 with a total capacity of 47,975,000 kv-a, more than three times the capacity inspected in the previous year. Also, there were inspected 3,640 low-voltage fused switches and cutouts with capacity amounting to 1,304,000 kv-a. The large increases are due to the construction of new transformer and switching stations.

There was a small increase in the number of distribution transformers tested; the total was 3,024 units. Line and bus insulators to the total of 278,000, value $409,100, were inspected at the factory and tests witnessed. About 36 per cent of these were suspension types. Inspection also included metal-clad switchgear and unit substations for twelve installations.

Gradient tests were made on about 12,000 transformer and oil circuit-breaker bushings, and insulators in position on the equipment. This is nearly three and one-half times the number tested in the previous year. The testing of bushings by this method undoubtedly is reducing the number of interruptions and also, by finding faults which can be repaired more cheaply than if delayed until the bushings have failed, is saving much expense.

Routine tests were made in the Laboratories on 6,196 pairs of linemen's gloves, 3,136 samples of insulating oil, 1,256 instrument and distribution transformers, 206 thermostats, and 12,000 insulators. These numbers represent a small increase. A total of 6,464 watthour meters were repaired and checked, and 113 indicating instruments calibrated.

Mechanical and Structural Equipment

In addition to the examination of welding and other features in the fabrication of the tanks for the large number of power transformers and oil circuit-breakers tested, four turbines, five generators and two penstocks were inspected. Upon request, the Laboratories undertook the inspection of 48 welded tanks for a transformer manufacturer, and also examined 198 lighting standards for the Department of Highways. Ten welded oil storage tanks, sixteen street car axles and a variety of equipment for new transformer and generating stations were inspected. Welding and painting were given special attention.

Concrete

Seven resident concrete inspectors, eight other inspectors and two part-time assistants were stationed on eight construction projects. Their duties were the testing of aggregates, supervising the processes and checking generally the quality of the concrete.

Field inspection of one structure at Lakefield was made in order to observe any deterioration and apply remedial measures.

Field surveys for materials required for construction were made at six sites:—Waboose, Summit, Zig Zag, Jack Fish, Tomiko and DeCew Falls.

Protective Coatings

Paints and other protective coatings for use on the Commission's structures were studied, and 94 samples tested for quality. The weatherometer for accelerated weathering tests was used extensively.

Steel and Timber

Steel inspected this year amounted to 7,744 tons, practically all of which was for new stations and transmission lines. A total of 8,000 pine and cedar poles was examined with less than one per cent rejected as unsuitable for the Commission's use.

Lamps and Lighting Equipment

Factory examination and testing included 70,864 lamps, and at the Laboratory 4,813 life tests were completed. Direction and reflex signals, fog lamps and other automobile equipment were tested for the Department of Highways. About fifty samples of paint were tested for baking by infra-red rays, the new equipment for this purpose finding increasing application for industrial use. Several foot-candle meters were calibrated and a number of candle-power distribution tests completed.

Research

Research problems are studied in the laboratories and in the field. Tests and investigations obtain definite and reliable information on the quality of materials and the characteristics and behaviour of equipment. They ensure continuity of service at high efficiency and thus keep cost of operation at a minimum.

Vibration of Transmission Line Conductors

This research has been of great value in the design of power transmission lines to avoid vibration fatigue.

Two papers on the theory of conductor vibration, and its measurement and control, were presented at the Summer Convention in Toronto of the American Institute of Electrical Engineers.

Field studies were made in regard, chiefly, to the protection of the hollow-core copper conductors installed on the new Leaside-Burlington 220,000-volt transmission line. Laboratory work was a continuation of the study of the fatigue and physical characteristics of aluminum, steel and copper wire and conductors, and included stress and curvature measurements on the new hollow-core conductors. Details for the designs of torsional dampers for use with this type of conductor, for ground wire and for 605,000 circular-mil steel-reinforced aluminum cable were submitted to the transmission engineers.

Three fatigue testing machines for wire were in continuous use and a fourth unit was added late in the year.

Two vibration test spans for use by the Laboratories, were installed in the basement of Strachan Avenue transformer station. These allow testing to be conducted in all seasons and without regard to weather conditions.

Electrical Insulation

Considerable attention was given to the problem of locating faults in rural underground cable. Tests were made using audio-frequency currents which may readily be detected, and also with the Kenotron for high-voltage investigations. Impulse testing equipment was assembled to study the behaviour of lightning arresters.

Remote Control of Loads

A large amount of information has been obtained as a result of experience with installations for the remote control of loads, in their trial period. These data have been compiled to assist any municipalities which may desire to install remote control systems for electric water heaters, lighting loads, etc., to reduce peak load demands.

Radio Interference

Laboratory tests were made on equipment suspected of producing radio interference and also on low-voltage appliances. The causes of interference were studied and methods devised for eliminating or reducing the trouble.

FATIGUE TESTS ON POWER CONDUCTORS

Cables in centre and at the right are vibrated by mechanical generators having eccentrically-weighted flywheels. For the cable at the left, the electro-magnetic vibration generator and control equipment are used

Field tests were made on several power lines. During the year, members of the staff have co-operated closely with the Department of Transport and the Canadian Engineering Standards Association in studies of interference suppression.

Electronic Applications

Communication tests were made over a distance of eighty miles using carrier frequency on telephone circuits. Important information was obtained for comparison of types of conductors and grounded or ungrounded return circuits.

Studies of communication with patrol trucks were undertaken and the equipment of one manufacture was successfully demonstrated to the Commission's engineers.

Domestic Hot Water Tanks and Heaters

Tests on experimental hot water tanks and heating elements were continued and a special iron tank with vitreous enamel lining was installed. This investigation is producing valuable results contributing to longer life in both elements and tanks. Immersion and strap-on types of heater were tested and studies were made of deterioration and scale formation.

Electric Welding

Investigations were conducted on methods of measuring stresses in welded joints and the effects of stress relieving in reducing the magnitude of initial stresses created by the welding operation. These studies are proving of value in ensuring reliable welded joints.

Masonry Materials

A large part of the year was devoted to study of mass concrete problems in regard to dams. Extensive tests were made during the construction of the dam at Barrett Chute to investigate factors that influence cracking. Further work of an exploratory nature was done at Chats Falls where cores were being removed. Investigations included tests on absorptive form linings, protection of concrete during cold weather and measurement of its physical and thermal properties.

Durability tests were made on freezing and thawing of concrete, and means of measuring disintegration were studied. Some work was done on methods of curing using special mats for covering decks and slabs. Various other problems were studied with a view to improving durability of concrete structures.

Paints and Protective Coatings

A number of different samples of paint were tested to determine their quality for the Commission's use, and studies were continued on certain finishes for underground exposure. A special non-skid floor paint was tested and work done on a rubber asphalt emulsion for expansion joints.

Comparative tests were made on materials for lubricating and protecting lead-covered cable while it is being drawn through ducts.

Petroleum Products

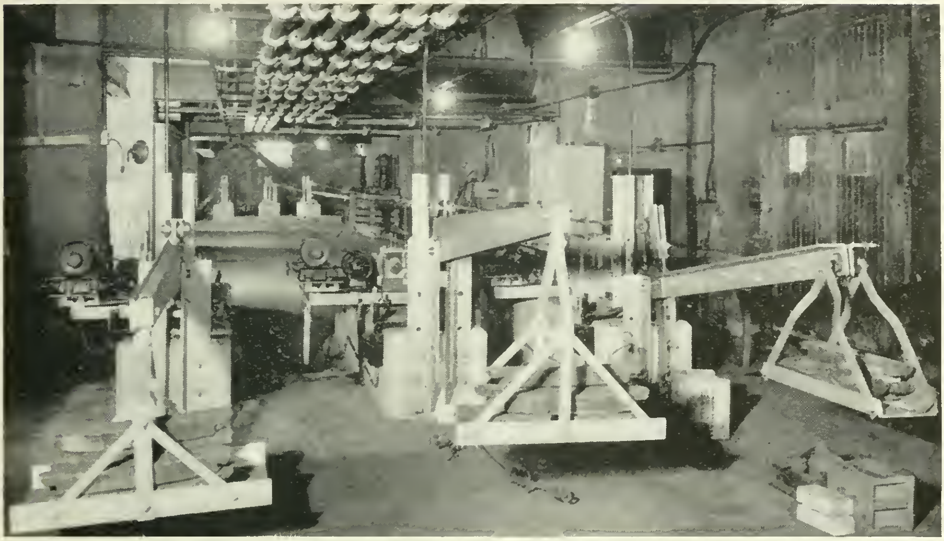
Experiments were run on the diffusion of air through oil and on gravity circulation of oil through special earths to reduce acid and sludging. Tests were completed on the deteriorating effect of sunlight on insulating oils and it was found that amber glass is of some value in lessening this action. Co-operative work with the American Society for Testing Materials was continued in an attempt to establish standard procedure for determining the sludging properties of oils.

Treatment of Wooden Transmission Structures

A large number of poles previously equipped with sand creosote collars were retreated during the summer. This method of preventing deterioration at the ground line has been applied to nearly 400,000 poles and has proved very successful. Various ground-line preservatives are being tested over a period of time in specially selected test beds at different places.

Joints in Electrical Conductors

Life tests were made on sample joints in steel-reinforced aluminum cable, and special joints were designed for important new transmission lines. A number of defective joints in older power lines were repaired. The deterioration of thirty-six specimen joints in electrical conductors has been under observation at the Laboratories for several years and valuable information on the resistance changes in different joints is being obtained.



VIBRATION OF LINE CONDUCTORS

Conductors maintained at constant tension on hundred-foot spans are vibrated to determine the fatigue life for various intensities of stress at the point of clamping

Grounding

The general problems of grounding transformer cases and pole line hardware were studied, and further attention was given to the subject of transformer and consumer grounds, particularly in rock country such as the region of Tobermory.

Miscellaneous Research

In addition to the specific investigations undertaken by research sub-committees, many other studies were carried on. New equipment was installed for the study of soil mechanics. X-ray investigations were made on a variety of test specimens, materials and products for use in the field. Drying by the use of infra-red rays was studied with a view to making recommendations to manufacturers for installations of equipment to dry paints and enamels. A number of investigations were made on different materials and processes used by manufacturers in power equipment produced for the Commission and several problems regarding methods of assembly and electrical testing were solved.

New Equipment

A number of items of new testing equipment were designed and built at the Laboratories. These included a special viewing cabinet for X-ray fluoroscopic studies, an extensometer for measuring the strain in wire samples, a new electronic drive for vibrating fatigue test spans, two portable testing panels for watthour meters, a test cell for measurement of power factor of oil and other liquid insulation, two sieving machines, and soil testing equipment for determining the physical properties of earth dam materials.

Several new instruments and other test equipment were purchased and installed, the most important items being three recording thermometers, a bridge for measuring power factor and capacity of insulation, an instrument for locating the source of radio interference, X-ray equipment for examination of cable joints and metal parts, refrigeration equipment for low temperature tests on concrete specimens, a second oxygen bomb for test of rubber insulation, special motor generator sets for meter testing and for locating faults in underground cables, a viscosimeter for testing the viscosity of oils, a self-regulating transformer for meter calibration, a fourth fatigue testing machine for wire, a concrete mixer and electric vibrator, a saw for cutting rock and concrete, a half-ton chain block and a 400,000-pound compression testing machine for field use.

Specifications and Committee Work

Members of the Laboratories' staff attended meetings and conferences of a number of organizations and assisted in the preparation of specifications and other committee activities. These organizations included: Canadian Engineering Standards Association, National Research Council, Engineering Institute of Canada, American Institute of Electrical Engineers, American Concrete Institute, American Society for Testing Materials, Radio Manufacturers Association, The Ontario Municipal Electric Association, and The Association of Municipal Electrical Utilities.

APPROVALS LABORATORY

This section of the Laboratories has continued to function as part of the Canadian Engineering Standards Association in carrying on approvals testing and factory re-examination of electrical equipment in all parts of Canada, and for many manufacturers in the United States who have applied for approval under the Canadian Electrical Code in order to sell their products in Canada. The Approvals engineer attended the meetings of the administrative board of the Approvals division which were held in Toronto, Ottawa and Montreal.

The testing work of this laboratory decreased but the number of labels sold was about 38 per cent greater than in the previous year. This increase was all in insulated wire, cable, cord and rigid conduit, and was largely due to the heavy building programmes for war industry plants and for war-time housing schemes.

The lower number of applications for approval was most noticeable in electrically-heated appliances and in radio, sound and picture equipment, and evidently was the effect of enforcement of federal legislation designed to conserve foreign exchange and the spending of income on luxuries.

ELECTRICAL INSPECTION DEPARTMENT

The department handled the largest volume of work since it was organized 26 years ago. A larger number of inspections was made in plants directly connected with the war effort, due to the fact that some of the major projects were not in an advanced stage of production in 1940.

Statistical

A total of 120,717 permits was issued, an increase of 1.2 per cent over the previous year, and 213,636 inspections were made, about the same number as in 1940.

Fires Attributed to Electricity

In making routine investigations of fires reported during the year as having been caused through defective wiring and equipment, seven were found to have originated from this source. The evident causes were, an iron left in circuit unattended, a defective switch in a fixture, incandescent lamps in contact with waste material and with a plywood panel, short circuits in a supply line and in flexible cord, one short circuit caused by a rodent, and a loose connection in a terminal box.

Some other fires, attributed to electrical causes before investigation, may have originated in electric wiring or equipment but the evidence available, considering the extent of the fires, would not substantiate such a finding.

Electrocutions and Fatal Accidents

Four persons lost their lives through coming into contact with electric wiring and equipment in the Province. Three were electrocuted, a carpenter touched open live parts on an elevator control panel, a millwright made contact with a poorly insulated section of a secondary power feeder, and an engineer, making repairs inside a steam boiler, became connected between a defective extension light and the grounded metal. In the fourth accident, a child died from burns received when her night clothes were ignited through contract with a portable electric air heater.

Ground Tests

A total of 2,511 ground resistance tests were made in isolated communities and rural districts.

Infractions of Regulations

Thirty-two persons and companies were prosecuted for infractions of the rules and regulations governing the installation, sale and disposal of electric wiring and equipment.

The Canadian Electrical Code

Engineers of the Canadian Engineering Standards Association, and members of the Engineering department and Electrical Inspection staff attended twenty meetings and assisted in compiling and revising sections of Parts I, II and IV of the Code.

The work associated with Part I of the Code, on Electrical Installations, includes the issuing of interim revisions and interpretations and attending meetings of the Central Committee. That associated with Part II, on Approval Specifications for Electrical Equipment, involves the preparation of draft specifications and includes meetings with Part II Committee. The work on Part IV, on Radio Interference, includes the preparation of drafts of sections of specifications which will be a code of good practice so far as the suppression of radio interference is concerned. This work also includes attendance at meetings of the Committee on Part IV and meetings of panels and sub-panels of the Main Committee.

Considerable attention was given to the preparation and editing of galley and page-proof forms for the Part I and Main Committees and in compiling final preliminary drafts for the Part II Committee. Thirteen new and revised specifications of Part II were issued and twenty-five other specifications were advanced. Work was started on seven new specifications or editions thereof and in three instances these reached galley or page-proof form. A large amount of secretarial work was necessary on the preliminary draft stages of other specifications.

PRODUCTION AND SERVICE DEPARTMENT

The volume of work done in the machine shop, carpenter shop and garage continued to increase, the 1941 operations being 15 per cent in excess of those of the previous year, and 36 per cent more than they were two years before. In addition the facilities of the machine shop were placed at the disposal of the Public Utilities Wartime Workshop Board for the purpose of relieving congestion in branches of war industry.

A total of 1,789 orders was completed by the machine and carpenter shops. The work of the garage included overhauling 69 trucks, reconditioning 24 items of gasoline-driven equipment for the Construction department, and completing 935 orders for miscellaneous truck repairs. The policy of regularly and systematically inspecting the Commission's fleet of 359 trucks was continued.

Motor vehicles and other equipment purchased included 63 trucks and 6 trailers. Of the trucks, 33 were replacements and the remaining 30 were additions to the fleet. The mileage operated by the fleet this year was approximately 3,400,000 miles.

PHOTOGRAPHY, PHOTOSTAT AND BLUE PRINTING

The work of this department increased in all branches. Photographic orders totalled 875, or 18 per cent more than last year. Blue print orders were 8,281, an increase of 15 per cent; 126,422 prints were made. The orders for photostat prints amounted to 680, an increase of 12 per cent, requiring 9,316 prints.

SECTION VIII

ELECTRIC RAILWAYS

THE HAMILTON STREET RAILWAY COMPANY

A Subsidiary of The Hydro-Electric Power Commission of Ontario—Niagara System

Gross earnings on the Hamilton Street Railway for the year 1941 increased 21.52 per cent. Operating expenses (including taxes) increased 22.88 per cent. The result was an increase in net earnings of $22,642. The increase in net earnings was due to improved industrial conditions.

The balance sheet and income account are given at the end of Section IX.

Operating results are summarized and compared in the following tabulation and chart.

HAMILTON STREET RAILWAY

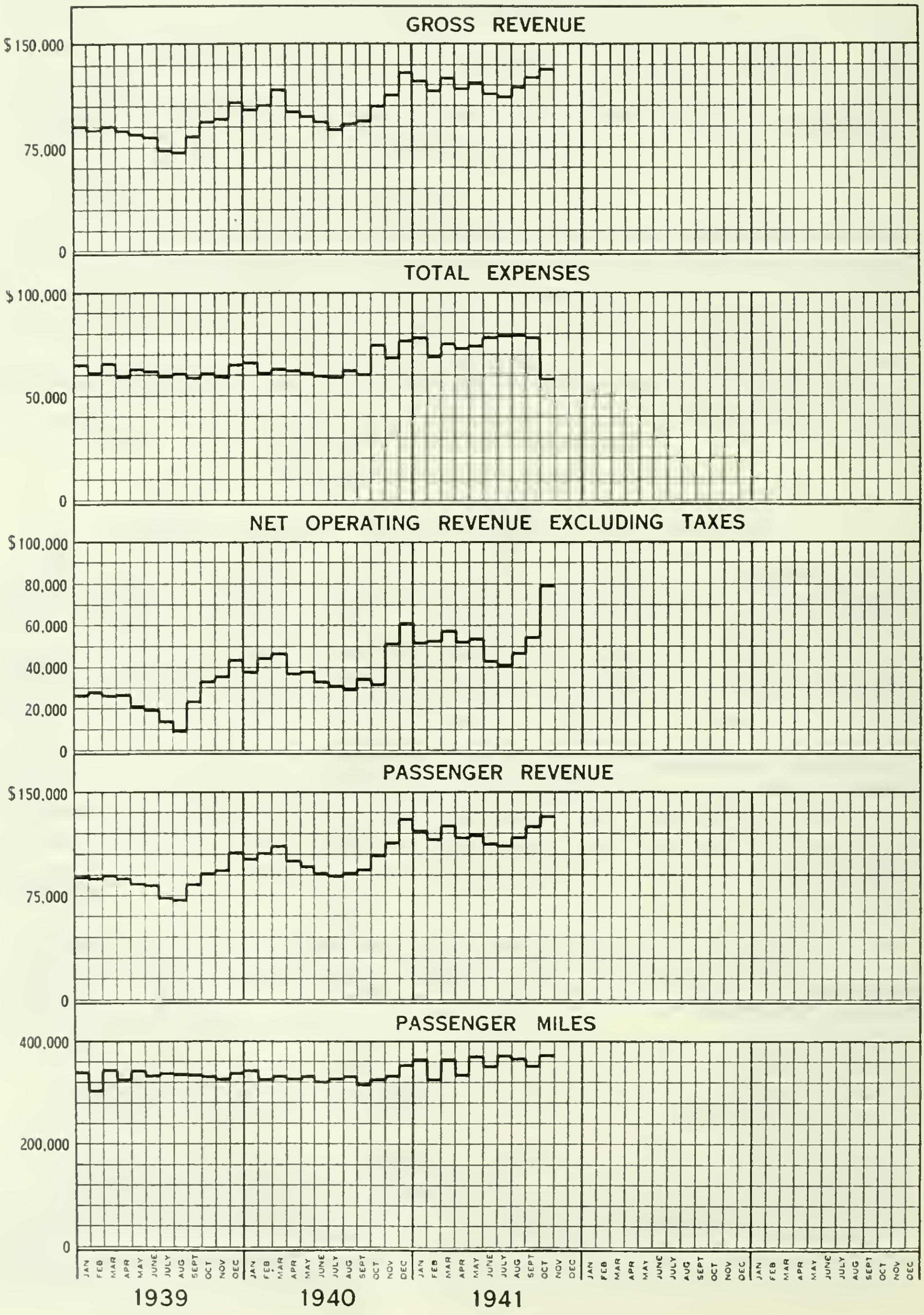
Comparative Operating Statistics

	1940			1941		
	Street-cars $	Buses $	Total $	Street-cars $	Buses $	Total $
Operating revenues:						
Transportation	897,081	283,622	1,180,703	1,008,496	428,050	1,436,546
Other operations	11,363	641	12,004	12,057	810	12,867
Operating revenue	908,444	284,263	1,192,707	1,020,553	428,860	1,449,413
Operating expenses	808,290	214,676	1,022,966	954,481	302,549	1,257,030
Net revenue for year	100,154	69,587	169,741	66,072	126,311	192,383
Appropriation for dividend			177,228			177,228
Surplus for year			7,487*			15,155

	1940	1941
Route-miles:		
Street-car	27.97	18.44
Bus	16.57	20.41
Total	44.54	38.85
Track-miles	42.62	42.62
Passenger cars operated:		
Passenger cars	68	70
Passenger buses	36	50
Car-miles operated:		
Passenger cars	2,463,090	2,309,731
Passenger buses	1,519,695	1,950,931
Car-hours operated:		
Passenger cars	262,885	250,625
Passenger buses	124,624	162,943
Passengers carried	21,806,817	26,396,511
Percentage of transfer passengers to revenue passengers	18.9%	21.95%

*Deficit.

THE HAMILTON STREET RAILWAY COMPANY
OPERATING STATISTICS



SECTION IX

FINANCIAL STATEMENTS

Relating to

Properties Operated by The Hydro-Electric Power Commission in the Niagara, Georgian Bay, Eastern Ontario and Thunder Bay Systems on Behalf of Municipalities

and to

Northern Ontario Properties Held and Operated by the Commission in Trust for the Province of Ontario, and

The Hamilton Street Railway Company—A Subsidiary of Niagara System

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IN this section of the Report financial statements relating to the activities of The Hydro-Electric Power Commission, segregated into certain distinct divisions, are presented. The first division relates to those activities on behalf of the co-operative municipalities, which are partners in the main "Hydro" undertaking comprising the Niagara, Georgian Bay, Eastern Ontario and Thunder Bay systems. The second relates to the administration of the Northern Ontario Properties which are held and operated by the Commission in trust for the Province of Ontario. The third relates to The Hamilton Street Railway Company, a subsidiary of the Niagara system.

Co-operative Systems

In the Foreword to this Report a brief reference is made to the basic principle governing the operations of the "Hydro" undertaking in supplying electrical service at cost, and to the *wholesale* and *retail* aspects of the work. A description is also given of the several systems into which the partner municipalities are co-ordinated for securing common action with respect to power supplies, through the medium of The Hydro-Electric Power Commission which, under The Power Commission Act, functions as their Trustee.

Although for the purpose of financial administration the various systems are separate units, there is a similarity of procedure with respect to their operation which enables certain financial statements, as for example the various reserves, to be co-ordinated and presented in summary tables.

The first set of tables in Section IX gives collective results for the co-operative activities related to the four systems. These tables include a **balance sheet; a statement of operation and cost distribution** as detailed in the "cost of power" tables referred to below; schedules respecting **fixed assets, capital expenditures and grants—rural power districts, power accounts receivable, funded debt issued or assumed, renewals reserves, contingencies and obsolescence reserves, stabilization of rates reserves, sinking fund reserves** and the **account with the Provincial Treasurer of the Province of Ontario.**

The tables which follow these general financial statements relate more particularly to the individual municipality's aspects of the wholesale activities of the Commission and for each system show the **cost of power** to the individual municipal utilities, the **credit or debit** adjustment that is made at the end of the fiscal year, and the **sinking fund** equity that has been acquired by the individual municipality. There is also included for each system a **rural operating** statement.

The charges for power supplied by the Commission to the various municipalities vary with the amounts of power used, the distances from the sources of supply and other factors. The entire capital cost of the various power developments and transmission systems is annually allocated to the connected municipalities and other wholesale power consumers, according to the relative use made of the lines and equipment. Each municipality assumes responsibility for that portion of property employed in providing and transmitting power for its use, together with such expenses—including the cost of purchased power if any—as are incidental to the provision and delivery of its wholesale power. The annual expenses and the appropriations for reserves are provided out of revenues collected in respect of such power, through the medium of power bills rendered by the Commission. The municipalities are billed at an estimated interim rate each month during the year and credit or debit adjustment is made at the end of the year,* when the Commission's books are closed and the actual cost payable by each municipality for power taken has been determined.

Included in the municipality's remittance to the Commission for the wholesale cost of power—besides such current expenses as those for operation and maintenance of plant, for administration, and for interest on capital—are sums required to build up reserves for sinking fund, for renewals, for contingencies and obsolescence, and for stabilization of rates. The first-mentioned reserve, namely, sinking fund, is being created on a 40-year basis for the purpose of liquidating capital liabilities. The other reserves are, respectively, being created to provide funds for the replacing or rebuilding of plant as it wears out, to enable the undertaking to replace existing equipment with improved equipment as it become available through advances in science and invention, and to meet unforeseen expenses which from time to time may arise.

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*The financial year for the Commission ends on October 31. The financial year for the municipal electric utilities, however, ends on December 31, and the municipal accounts are made up to this date, and so recorded in Section X.

The ultimate source of all revenue to meet costs—whether for the larger operations of The Hydro-Electric Power Commission or for the smaller local operations of the municipalities—is, of course, the consumer. Out of the total revenue collected by each municipal utility from its consumers for service supplied, only an amount sufficient to pay the wholesale cost of power supplied by the Commission as outlined above is remitted to the Commission; the balance of municipal electrical revenue is retained to pay for the expense incurred by the local utility in distributing the electrical energy to its consumers.

Tabular Data

The following comments relate to the tabular data presented:

Balance Sheet.—The first tabular statement given in Section IX is a balance sheet showing the assets, and the liabilities of the several co-operative systems.

Statement of Operation and Cost Distributions.—This statement is a summary of operating expenses and fixed charges as shown in the "cost of power" tables relating to the individual systems as referred to more particularly below.

Fixed Assets.—Details are given concerning the various fixed assets of each system and of the miscellaneous properties, whilst similar details are shown of the capital expenditures for the year ended October 31, 1941.

Capital Expenditures and Grants—Rural Power Districts.—This schedule gives summary information respecting the total capital expenditures on rural power districts and grants-in-aid of construction paid or payable by the Province with respect to such rural districts.

Power Accounts Receivable.—This schedule sets forth the amounts collectable from all classes of power consumers and includes the annual adjustment figures from the "credit or charge" statements for municipalities. The main details of those debit balances three months or more overdue are stated.

Funded Debt Issued or Assumed.—This schedule presents a complete list of the securities issued or assumed by the Commission on account of the several systems, and the Northern Ontario Properties. It should be noted that where securities have been issued to finance properties operated for others, this liability is only shown in memorandum form on the balance sheet of the Commission, whilst the direct liability is shown on the balance sheets of the Northern Ontario Properties.

Renewals Reserves,
Contingencies and Obsolescence Reserves, and
Stabilization of Rates Reserves.

These schedules show the provisions made to, the expenditures from, and the balance to the credit of, these reserves for each of the systems and other properties included in the power undertakings operated on a cost basis.

Sinking Fund Reserves.—This schedule summarizes the appropriation of principal and interest with respect to these reserves for each of the systems and certain other properties.

Account with the Provincial Treasurer.—This schedule lists, both for the Niagara and other systems operated on a cost basis, and for the Northern Ontario Properties which are held and operated by the Commission in trust for the Province, the advances from the Province of Ontario and the repayments which have been applied to reduce this liability. It should be noted that Provincial advances to finance Northern Ontario Properties are shown in memorandum form only on the balance sheet of the Commission as the direct liability is carried on the Northern Ontario Properties' balance sheet.

Following these statements, which are common to all systems, there are given for each of the individual co-operative systems four tabular statements as follows:

Cost of Power statement, which shows the apportionment to each municipality of the items of cost summarized in the operating account, as well as the apportionment of fixed assets in service listed in the balance sheet and the amount of power taken by each municipality. It should be noted that the cost of power given in this table is the wholesale cost—that is, the cost which the Commission receives for the power delivered from the main transformer stations serving the local utility. In the case of municipal electrical utilities not directly administered by the Commission, the respective costs of power appear in Statement "B" of Section X as "power purchased".

Credit or Charge statement, which shows the adjustments made in order to bring the amounts paid by each municipal electric utility to the actual cost of service. The credits and charges for the municipal electric utilities are taken up and given effect to in the accounts of "Hydro" utilities.

Sinking Fund statement, which gives the accumulated total of the amounts paid by each municipality as part of the cost of power together with its proportionate share of other sinking funds.

Rural Operating statement, which summarizes for the rural power districts of the system the various items of cost, and the revenues received, in connection with the distribution of electrical energy to rural consumers.

Northern Ontario Properties

The statements and schedules respecting these properties which are held and operated by the Commission in trust for the Province of Ontario include the balance sheet, operating and income accounts, schedules of fixed assets, renewals reserves, contingencies and obsolescence reserves, and sinking fund reserves. These schedules are similar in form to the corresponding schedules relating to the co-operative systems.

The Hamilton Street Railway Company

This is a subsidiary of the Niagara system of the Commission. A balance sheet and operating and income account are presented.

Municipal Utilities

All municipal "Hydro" utilities have current expenses to meet similar to the expenses of the Commission and have adopted the same financial procedure with respect to their operations. In other words, concurrently with the creation of funds to liquidate their debt to the Commission and to provide the necessary reserves to protect generating, transforming and transmission systems, the muncicipalities are taking similar action with respect to their local "Hydro" utility systems.

The balance sheets, operating reports and statistical data appearing in Section X, under the heading of "Municipal Accounts", relate to the operation of local distribution systems by individual municipalities which have contracted with the Commission for their supply of electrical energy. To this section there is an explanatory introduction to which the reader is specially referred.

Auditing of Accounts

The accounts of The Hydro-Electric Power Commission of Ontario are verified by auditors specially appointed by the Provincial Government. The accounts of the "Hydro" utility of each individual municipality are prepared according to approved and standard practice and The Public Utilities Act requires that they shall be audited by the auditors of the municipal corporation.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

FINANCIAL ACCOUNTS

For the Year Ended October 31, 1941

Relating to Properties operated on a "Cost Basis" for the Co-operating Municipalities and Rural Power Districts which are supplied with Electrical Power and Services from the following Properties:

Niagara System

Georgian Bay System

Eastern Ontario System

Thunder Bay System

Service and Administrative
Buildings and Equipment

STATEMENTS

Balance Sheet as at October 31, 1941

Statements of Operations and Cost of Power for the Year ended October 31, 1941.

Schedules supporting the Balance Sheet as at October 31, 1941:

Fixed Assets—By Systems and Properties

Capital Expenditures and Grants—Rural Power Districts

Power Accounts Receivable

Funded Debt Issued or Assumed

Renewals Reserves

Contingencies and Obsolescence Reserves

Stabilization of Rates Reserves

Sinking Fund Reserves

Account with the Provincial Treasurer of the Province of Ontario

Statements for Municipalities Receiving Power under Cost Contracts

THE HYDRO-ELECTRIC POWER

BALANCE SHEET AS AT OCTOBER 31, 1941, IN

Niagara System **Georgian Bay System**

ASSETS

FIXED ASSETS:			
Niagara system		$241,606,688.30	
Georgian Bay system		16,411,222.12	
Eastern Ontario system		32,052,562.85	
Thunder Bay system		20,303,489.89	
Service and administrative buildings and equipment		4,330,051.96	
		$314,704,015.12	
Less: Grants-in-aid of construction:			
Province of Ontario—for rural power districts		18,849,420.20	
			$295,854,594.92
INVESTMENTS:			
The Hamilton Street Railway Company—Capital stock		$ 3,000,000.00	
Other investments		209,741.50	
			3,209,741.50
CURRENT ASSETS:			
Employees' working funds		$ 64,290.80	
Sundry accounts receivable		1,210,746.53	
Power accounts receivable		4,948,155.14	
Interest accrued		575,104.79	
Consumers' and contractors' deposits:			
Cash deposits	$ 14,404.25		
Securities—at par value	948,799.19		
		963,203.44	
Prepayments		70,290.20	
			7,831,790.90
INVENTORIES:			
Construction and maintenance materials and supplies		$ 2,515,421.73	
Construction and maintenance tools and equipment		1,358,634.59	
Office equipment		159,370.14	
			4,033,426.46
DEFERRED ASSETS:			
Agreements and mortgages		$ 130,992.52	
Rural district loans		59,717.65	
Work in progress—deferred work orders		92,063.84	
			282,774.01
UNAMORTIZED DISCOUNT ON DEBENTURES			441,674.35
RESERVE FUNDS:			
Investments—Specific reserves		$ 45,646,220.62	
Employers' Liability Insurance Fund:			
Investments	$1,046,379.46		
Deposits with the Workmen's Compensation Board	30,602.93		
		1,076,982.39	
Pension Fund, investments		7,078,439.63	
			53,801,642.64
SINKING FUNDS:			
Deposits in the hands of trustees—including temporary investments			682,068.14
			$366,137,712.92

COMMISSION OF ONTARIO

WHICH THE FOLLOWING PROPERTIES ARE INCLUDED:

Eastern Ontario System **Thunder Bay System**

LIABILITIES AND RESERVES

LONG TERM LIABILITIES:			
Funded debt issued or assumed		$104,200,283.75	
Less—Debentures issued to finance Northern Ontario Properties		26,760,000.00	
		$ 77,440,283.75	
Advances from the Province of Ontario	$137,067,190.39		
Less—Advances for Northern Ontario Properties	6,041,572.70		
		131,025,617.69	
Purchase agreements, and mortgages		112,609.31	
			$208,578,510.75
CURRENT LIABILITIES:			
Bank advances—demand loan—secured		$ 32,093.01	
Bank overdraft—secured		3,310,701.34	
Accounts and payrolls payable		2,304,153.18	
Power accounts—credit balances		49,076.18	
Hamilton Street Railway Company—Current account		303,309.89	
Northern Ontario Properties—Current account		1,989,947.95	
Advances from the Province of Ontario for rural loans		59,401.21	
Consumers' and contractors' deposits		1,033,623.36	
Debenture interest accrued		769,636.23	
Miscellaneous interest accrued		4,061.79	
Miscellaneous accruals		54,833.68	
Rural power districts grants—not allocated		32,334.75	
			9,943,172.57
RURAL POWER DISTRICTS—Rates suspense, net			1,602,526.88
UNAMORTIZED PREMIUM ON DEBENTURES			45,004.38
RESERVES:			
Renewals	$ 49,721,799.26		
Contingencies and obsolescence	14,270,337.64		
Stabilization of rates	10,557,021.86		
Fire insurance	98,368.72		
Investment—subsidiary	166,038.59		
		$ 74,813,566.07	
Employers' liability insurance		1,138,127.01	
Pension fund		7,160,698.90	
Miscellaneous		430,720.36	
			83,543,112.34
SINKING FUND RESERVE:			
Represented by:			
Funded debt retired through sinking funds		$ 23,997,209.46	
Provincial advances retired through sinking funds		37,746,108.40	
Deposits in the hands of trustees—Contra		682,068.14	
			62,425,386.00
			$366,137,712.92

Auditors' Certificate

We have examined the Accounts of The Hydro-Electric Power Commission of Ontario for the year ended the 31st October, 1941, and report that, in our opinion, the above Balance Sheet is properly drawn up so as to exhibit a true and correct view of the state of the Commission's affairs at the 31st October, 1941, according to the best of our information and the explanations given to us, and as shown by the books and records of the Commission. We have obtained all the information and explanations we have required.

OSCAR HUDSON AND CO.,
Chartered Accountants,
Auditors.

Dated at Toronto, Ontario,
31st March, 1942.

THE HYDRO-ELECTRIC POWER

Statement of Operations and Cost of Power for

System and property	Cost of power purchased	Operating maintenance and administrative expenses	Interest	Provision for renewals	Provision for contingencies and obsolescence
NIAGARA SYSTEM:	$ c.	$ c.	$ c.	$ c.	$ c.
Municipalities	5,392,758.02	2,811,599.00	6,936,999.35	1,087,776.28	899,300.53
Rural power districts	333,703.41	264,336.02	533,893.24	102,514.64	65,154.56
Companies	2,037,869.99	1,199,140.69	2,098,748.19	312,785.58	4,333,020.48
Local distribution systems	16,361.09	42,968.78	35,351.67	9,441.62	5,638.55
Total	7,780,692.51	4,318,044.49	9,604,992.45	1,512,518.12	5,303,114.12
GEORGIAN BAY SYSTEM:					
Municipalities	65,324.74	313,632.52	314,275.43	91,182.97	73,154.40
Rural power districts	18,934.52	74,985.56	82,747.14	25,255.23	18,455.16
Companies	66,030.88	13,914.35	18,755.31	5,114.47	128,247.54
Local distribution systems	1,253.63	13,925.65	10,749.90	3,989.51	2,370.44
Total	151,543.77	416,458.08	426,527.78	125,542.18	222,227.54
EASTERN ONTARIO SYSTEM:					
Municipalities	812,226.70	543,050.05	607,187.27	159,485.07	170,194.24
Rural power districts	95,338.08	73,971.83	90,127.61	26,841.52	23,600.37
Companies	203,450.64	137,694.68	197,942.51	53,287.42	155,256.80
Local distribution systems	2,877.26	8,087.59	4,308.37	1,453.93	837.71
Total	1,113,892.68	762,804.15	899,565.76	241,067.94	349,889.12
THUNDER BAY SYSTEM:					
Municipalities	....	177,617.35	550,325.59	100,299.62	78,830.69
Rural power districts	....	2,230.55	7,010.39	1,441.32	952.24
Companies	....	75,209.32	246,928.90	42,098.88	46,578.78
Mining Area—Mines	....	54,317.74	141,644.21	15,359.96	92,315.62
Mining Area—Townsites	....	16,188.43	13,524.90	899.67	15,466.74
Total	....	325,563.39	959,433.99	160,099.45	234,144.07
COST OF DISTRIBUTION OF POWER WITHIN R.P.D.'s:					
Niagara system R.P.D.	*1,511,636.36	812,894.86	530,712.66	230,573.90	....
Georgian Bay sys. R.P.D.	* 270,217.74	157,154.77	116,434.44	51,526.36	....
Eastern Ontario system R.P.D.	* 383,103.44	283,609.75	184,089.89	83,201.84	....
Thunder Bay sys. R.P.D.	* 14,257.73	10,134.80	11,207.65	4,622.93	....
Total	*2,179,215.27	1,263,794.18	842,444.64	369,925.03	....
RURAL LINES OPERATED BY MUNICIPALITIES:					
Niagara rural lines	....	....	845.80	401.17	200.59
Georgian Bay rural lines	....	....	48.22	18.44	9.22
Total	....	....	894.02	419.61	209.81
Total for all systems	11,225,344.23	7,086,664.29	12,733,858.64	2,409,572.33	6,109,584.66
R.P.D.'s eliminations	*(2,179,215.27)				
Net total for all systems	9,046,128.96	7,086,664.29	12,733,858.64	2,409,572.33	6,109,584.66
GRAND SUMMARY:					
Niagara system	7,780,692.51	5,130,939.35	10,136,550.91	1,743,493.19	5,303,314.71
Georgian Bay system	151,543.77	573,612.85	543,010.44	177,086.98	222,236.76
Eastern Ontario system	1,113,892.68	1,046,413.90	1,083,655.65	324,269.78	349,889.12
Thunder Bay system	....	335,698.19	970,641.64	164,722.38	234,144.07
	9,046,128.96	7,086,664.29	12,733,858.64	2,409,572.33	6,109,584.66

COMMISSION OF ONTARIO

Each System for the Year ended October 31, 1941

Provision for stabilization of rates	Provision for sinking fund	Operating balance in respect of power sold to private companies	Total cost	Amount received from (or billed against) municipalities and other customers	Amounts remaining to be credited or charged to municipalities	
					Credited	Charged
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
1,728,253.00	1,601,204.86	(292,749.47)	20,165,141.57	20,480,731.25	376,770.84	61,181.16
106,994.20	123,164.05	(18,123.76)	*1,511,636.36	*1,511,636.36	....	....
....	480,563.02	279,884.12	10,742,012.07	10,742,012.07	....	....
....	8,155.30	30,989.11	148,906.12	148,906.12	....	....
1,835,247.20	2,213,087.23	....	32,567,696.12	32,883,285.80	376,770.84	61,181.16
121,207.60	76,064.82	797.60	1,055,640.08	1,111,041.35	56,194.51	793.24
29,657.20	19,987.76	195.17	*270,217.74	*270,217.74	....	....
....	4,530.37	(860.17)	235,732.75	235,732.75	....	....
....	2,596.66	(132.60)	34,753.19	34,753.19	....	....
150,864.80	103,179.61	....	1,596,343.76	1,651,745.03	56,194.51	793.24
384,394.00	146,498.54	5,591.57	2,828,627.44	2,905,155.84	106,285.03	29,756.63
50,786.40	21,698.86	738.77	*383,103.44	*383,103.44	....	....
....	46,671.22	(12,026.97)	782,276.30	782,276.30	....	....
....	1,037.27	5,696.63	24,298.76	24,298.76	....	....
435,180.40	215,905.89	....	4,018,305.94	4,094,834.34	106,285.03	29,756.63
82,384.95	119,552.04	23,534.03	1,132,544.27	1,154,699.28	22,155.01	....
856.20	1,522.45	244.58	*14,257.73	*14,257.73	....	....
....	52,143.31	(23,778.61)	439,180.58	439,180.58	....	....
95,651.32	21,413.24	....	420,702.09	420,702.09	....	....
1,161.50	1,254.22	....	48,495.46	48,495.46	....	....
180,053.97	195,885.26	....	2,055,180.13	2,077,335.14	22,155.01	....
....	122,430.29	....	3,208,248.07	3,440,369.44	232,121.37	....
....	28,125.01	....	623,458.32	582,558.42	....	40,899.90
....	44,320.90	....	978,325.82	999,607.51	21,281.69	....
....	2,433.97	....	42,657.08	43,668.89	1,011.81	....
....	197,310.17	....	4,852,689.29	5,066,204.26	254,414.87	40,899.90
....	361.05	....	1,808.61	1,808.61	....	....
....	16.60	....	92.48	92.48	....	....
....	377.65	....	1,901.09	1,901.09	....	....
2,601,346.37	2,925,745.81	....	45,092,116.33 *(2,179,215.27)	45,775,305.66 *(2,179,215.27)	....	....
2,601,346.37	2,925,745.81	....	42,912,901.06	43,596,090.39	815,820.26	132,630.93
1,835,247.20	2,335,878.57	....	34,266,116.44	34,813,827.49	608,892.21	61,181.16
150,864.80	131,321.22	....	1,949,676.82	1,964,178.19	56,194.51	41,693.14
435,180.40	260,226.79	....	4,613,528.32	4,711,338.41	127,566.72	29,756.63
180,053.97	198,319.23	....	2,083,579.48	2,106,746.30	23,166.82	....
2,601,346.37	2,925,745.81	....	42,912,901.06	43,596,090.39	815,820.26	132,630.93

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

Fixed Assets—October 31, 1941

NIAGARA SYSTEM

Property	Net capital expenditures in the year	Fixed Assets			
		Under construction	In service		Total
			Non-depreciable	Depreciable	
Power Plants:	$ c.	$ c.	$ c.	$ c.	$ c.
Niagara river:					
Queenston-Chippawa	150,747.41	234,093.38	47,981,576.82	28,866,962.86	77,082,633.06
Ontario Power	*465,197.14*	9,456.96	7,281,151.42	14,449,328.41	21,739,936.79
Toronto Power	*5,563.34*	2,370.08	3,823,491.60	7,683,621.25	11,509,482.93
Ottawa river:					
Chats Falls	6,112.69	855.60	811,120.91	6,309,071.73	7,121,048.24
Welland canal:					
DeCew Falls	103,407.44	98,062.78	8,327,105.24	3,351,394.41	11,776,562.43
Hamilton steam plant	*90.46*	....	502,300.12	....	502,300.12
Long Lake diversion:					
Transferred from Northern Ontario Properties	867,974.33				
Expenses during the year	5,275.18	....	258,770.30	614,479.21	873,249.51
Ogoki diversion	1,323,145.85	1,323,145.85	....	....	1,323,145.85
Preliminary river surveys	....	....	819,836.09	....	819,836.09
	1,985,811.96	1,667,984.65	69,805,352.50	61,274,857.87	132,748,195.02
Transformer Stations:					
Southern Ontario	1,516,562.33	702,665.89	325,829.38	30,604,941.79	31,633,437.06
Eastern—Chats Falls	2,312,602.21	82,194.12	....	12,765,573.98	12,847,768.10
	3,829,164.54	784,860.01	325,829.38	43,370,515.77	44,481,205.16
Transmission Lines:					
Southern Ontario:					
Right-of-way	*335,430.96*	....	7,012,972.22	....	7,012,972.22
Lines	79,885.26	205,098.94	15,288.21	18,989,532.75	19,209,919.90
Eastern—Chats Falls:					
Right-of-way	757,377.17	....	2,398,840.22	....	2,398,840.22
Lines	2,538,147.27	1,072.66	....	11,743,083.35	11,744,156.01
	3,039,978.74	206,171.60	9,427,100.65	30,732,616.10	40,365,888.35
Local Systems:					
Niagara peninsula and Dundas area	1,557.22	46,766.44	....	265,315.82	312,082.26
Sub-total	8,856,512.46	2,705,782.70	79,558,282.53	135,643,305.56	217,907,370.79
Rural Power Districts:					
H-E.P.C. investment	585,629.60	18,611.78	....	11,870,569.72	11,889,181.50
Government grants	588,450.51	18,611.77	....	11,771,465.82	11,790,077.59
	1,174,080.11	37,223.55	....	23,642,035.54	23,679,259.09
Rural Lines:					
Welland and Milton	....	....	....	20,058.42	20,058.42
	10,030,592.57	2,743,006.25	79,558,282.53	159,305,399.52	241,606,688.30

	Cost statements	Transfers for cost purposes	Fixed assets as above
	$ c.	$ c.	$ c.
Cost of Power schedules	217,844,477.46	62,893.33	217,907,370.79
Rural Operating schedules	11,952,074.83	*62,893.33*	11,889,181.50
Rural Lines schedules	20,058.42	....	20,058.42

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

Fixed Assets—October 31, 1941

GEORGIAN BAY SYSTEM

Property	Net capital expenditures in the year	Fixed Assets			
		Under construction	In service		Total
			Non-depreciable	Depreciable	
Power Plants:	$ c.	$ c.	$ c.	$ c.	$ c.
Muskoka river (below lake):					
Bala No. 1 and No. 2	*1,714.01*	....	70,468.43	43,866.73	114,335.16
Ragged Rapids	25,447.11	....	70,817.12	1,251,140.75	1,321,957.87
Big Eddy	980,802.53	....	47,662.45	1,046,494.67	1,094,157.12
Lands and water rights: (Ragged Rapids, Big Eddy plants, Sandy Grey and Go Home sites)	....	....	47,824.81	....	47,824.81
Severn river:					
Wasdells	....	....	15,302.32	133,251.09	148,553.41
Big Chute	104.46	11.67	122,540.48	563,214.33	685,766.48
Preliminary surveys	....	....	4,107.56	....	4,107.56
Beaver river:					
Eugenia	*2,217.17*	78.34	148,980.43	1,139,200.82	1,288,259.59
Saugeen river:					
Hanover	....	....	10,000.00	....	10,000.00
Walkerton	439.14	439.14	100,372.31	113,447.97	214,259.42
Southampton	....	....	132,488.58	....	132,488.58
Muskoka river (above lake):					
South Falls	3,374.91	....	17,934.95	438,587.48	456,522.43
Trethewey Falls	....	....	51,549.45	306,071.43	357,620.88
Hanna Chute	....	....	34,756.73	208,106.65	242,863.38
Hollow Lake dam	52.53	....	16,622.32	29,540.16	46,162.48
Preliminary surveys	....	....	14,912.93	....	14,912.93
Sauble river:					
Lands and rights	103.30	637.67	4,200.00	....	4,837.67
Gull river:					
Lands and rights	....	....	5,859.20	....	5,859.20
	1,006,392.80	1,166.82	916,400.07	5,272,922.08	6,190,488.97
Transformer Stations	130,010.81	38,854.77	....	1,896,420.40	1,935,275.17
Transmission Lines	95,445.56	86,426.74	....	2,780,046.37	2,866,473.11
Local Systems	6,413.68	65.96	....	105,193.13	105,259.09
Sub-total	1,238,262.85	126,514.29	916,400.07	10,054,581.98	11,097,496.34
Rural Power Districts:					
H-E.P.C. investment	180,528.05	....	....	2,740,124.70	2,740,124.70
Government grants	175,298.15	....	....	2,572,679.06	2,572,679.06
	355,826.20	....	....	5,312,803.76	5,312,803.76
Rural Lines:					
Brechin	....	....	....	922.02	922.02
	1,594,089.05	126,514.29	916,400.07	15,368,307.76	16,411,222.12

	Cost statements	Transfers for cost purposes	Fixed assets as above
	$ c.	$ c.	$ c.
Cost of Power schedules	11,077,962.19	19,534.15	11,097,496.34
Rural Operating schedules	2,759,658.85	*19,534.15*	2,740,124.70
Rural Lines schedules	922.02	....	922.02

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO
Fixed Assets—October 31, 1941
EASTERN ONTARIO SYSTEM

Property	Net capital expenditures in the year	Fixed Assets			
		Under construction	In service		Total
			Non-depreciable	Depreciable	
Power Plants:	$ c.	$ c.	$ c.	$ c.	$ c.
Fenelon river:					
Fenelon Falls	6,507.31	...	60,000.00	92,316.22	152,316.22
Otonabee river:					
Auburn	574.59	...	31,400.00	291,469.51	322,869.51
Douro	...	...	...	68,478.30	68,478.30
Lakefield	*267.45*	...	19,620.05	218,561.05	238,181.10
Young's Point	*250.00*	...	2,480.81	7,813.69	10,294.50
Trent river:					
Heely Falls	1,809.94	1,878.57	...	1,190,287.49	1,192,166.06
Seymour	*5,883.64*	...	...	298,870.82	298,870.82
Ranney Falls	22,102.49	22,164.46	...	1,344,580.87	1,366,745.33
Ranney Falls No. 3	...	...	18,596.20	54,489.18	73,085.38
Crow river	...	...	1,000.00	...	1,000.00
Hagues Reach	...	...	...	574,302.26	574,302.26
Meyersburg	*3.78*	...	...	838,662.05	838,662.05
Sills Island	13,158.83	17,531.38	38,679.36	238,039.03	294,249.77
Frankford	...	...	...	252,774.82	252,774.82
Sidney	472.76	...	...	252,551.86	252,551.86
Deer river:					
Cordova power site	*2,224.69*	...	...	...	...
Gull river:					
Norland and Elliot Chute site	*17,577.60*	...	...	...	...
Mississippi river:					
High Falls	5,480.10	5,480.10	13,113.84	686,697.40	705,291.34
Carleton Place	*30.00*	...	9,929.06	47,817.10	57,746.16
Galetta	...	...	20,000.00	128,118.21	148,118.21
Ragged Chutes, Playfair and Appleton sites	*52,845.88*	...	...	...	...
Rosebank and Blakeney sites	*23,321.18*	...	...	...	...
Pakenham	*999.81*	...	...	...	...
Surveys	*10,594.39*	...	...	...	...
Madawaska river:					
Barrett Chute	1,956,258.91	1,992,651.43	...	...	1,992,651.43
Calabogie	*55.00*	...	80,825.74	677,482.95	758,308.69
Bark Lake dam	371,808.16	388,088.88	555.00	...	388,643.88
Kamaniskeg Lake dam	...	...	...	1,795.46	1,795.46
Undeveloped sites	...	...	650,000.00	...	650,000.00
Preliminary river surveys	...	...	132,224.23	...	132,224.23
Miscellaneous	*7,110.17*	13.00	...	43,285.43	43,298.43
Intangible	...	...	2,217,761.29	...	2,217,761.29
	2,257,009.50	2,427,807.82	3,296,185.58	7,308,393.70	13,032,387.10
Transformer Stations	558,362.19	7,398.20	76,076.68	4,217,551.60	4,301,026.48
Transmission Lines	83,710.14	36,150.37	416,281.15	5,694,461.61	6,146,893.13
Local Systems	3,480.44	...	703.00	31,031.64	31,734.64
Sub-total	2,902,562.27	2,471,356.39	3,789,246.41	17,251,438.55	23,512,041.35
Rural Power Districts:					
H-E.P.C. investment	217,200.83	...	...	4,297,040.95	4,297,040.95
Government grants	214,657.81	...	...	4,243,480.55	4,243,480.55
	431,858.64	...	...	8,540,521.50	8,540,521.50
	3,334,420.91	2,471,356.39	3,789,246.41	25,791,960.05	32,052,562.85

	Cost statements	Transfers for cost purposes	Fixed assets as above
	$ c.	$ c.	$ c.
Cost of Power schedules	23,473,641.24	38,400.11	23,512,041.35
Rural Operating schedules	4,335,441.06	*38,400.11*	4,297,040.95

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

Fixed Assets—October 31, 1941

THUNDER BAY SYSTEM

Property	Net capital expenditures in the year	Fixed Assets			
		Under construction	In service		Total
			Non-depreciable	Depreciable	
Power Plants:	$ c.	$ c.	$ c.	$ c.	$ c.
Nipigon river:					
Cameron Falls	925.47	794.38	857,418.84	9,059,834.86	9,918,048.08
Alexander	*5,727.00*	3,506.48	76,898.44	5,266,156.40	5,346,561.32
Virgin Falls dam			55,450.41	426,736.74	482,187.15
Preliminary surveys			30,242.35		30,242.35
	4,801.53	4,300.86	1,020,010.04	14,752,728.00	15,777,038.90
Transformer Stations	20,952.48	656.48	358,591.88	910,797.24	1,270,045.60
Transmission Lines	*927.93*	1,795.49	962,353.59	1,720,393.68	2,684,542.76
Local Systems	6,431.31	49.52	85,447.10		85,496.62
Sub-Total	21,654.33	6,802.35	2,426,402.61	17,383,918.92	19,817,123.88
Rural Power Districts:					
H-E.P.C. investment	19,085.44			243,183.01	243,183.01
Government grants	19,085.43			243,183.00	243,183.00
	38,170.87			486,366.01	486,366.01
	59,825.20	6,802.35	2,426,402.61	17,870,284.93	20,303,489.89

	Cost statements	Fixed assets as above
	$ c.	$ c.
Cost of Power schedules	19,817,123.88	19,817,123.88
Rural Operating schedules	243,183.01	243,183.01

ADMINISTRATIVE AND SERVICE BUILDINGS AND EQUIPMENT

Property	Net capital expenditures in the year	Fixed Assets			
		Under construction	In service		Total
			Non-depreciable	Depreciable	
Administrative Building:	$ c.	$ c.	$ c.	$ c.	$ c.
Toronto:					
University avenue	299,110.47	96.35	224,485.48	2,554,839.02	2,779,420.85
Elm and Centre streets				160,821.95	160,821.95
	299,110.47	96.35	224,485.48	2,715,660.97	2,940,242.80
Service Buildings and Equipment:					
Toronto:					
Strachan avenue	*5,673.86*			541,410.04	541,410.04
1379 Bloor street west	50.00			76,154.04	76,154.04
Cobourg	175.00			22,245.08	22,245.08
Hamilton			750,000.00		750,000.00
	5,448.86		750,000.00	639,809.16	1,389,809.16
	293,661.61	96.35	974,485.48	3,355,470.13	4,330,051.96

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

Fixed Assets—October 31, 1941

SUMMARY

System or property	Net capital expenditures in the year	Fixed Assets			
		Under construction	In service		Total
			Non-depreciable	Depreciable	
	$ c.	$ c.	$ c.	$ c.	$ c.
Niagara system	10,030,592.57	2,743,006.25	79,558,282.53	159,305,399.52	241,606,688.30
Georgian Bay system	1,594,089.05	126,514.29	916,400.07	15,368,307.76	16,411,222.12
Eastern Ontario system	3,334,420.91	2,471,356.39	3,789,246.41	25,791,960.05	32,052,562.85
Thunder Bay system	59,825.20	6,802.35	2,426,402.61	17,870,284.93	20,303,489.89
Service and administrative buildings and equipment	293,661.61	96.35	974,485.48	3,355,470.13	4,330,051.96
	15,312,589.34	5,347,775.63	87,664,817.10	221,691,422.39	314,704,015.12
Less: Grants in aid of construction: Province of Ontario for rural power districts	997,491.90	18,611.77	....	18,830,808.43	18,849,420.20
	14,315,097.44	5,329,163.86	87,664,817.10	202,860,613.96	295,854,594.92

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

CAPITAL EXPENDITURES AND GRANTS—RURAL POWER DISTRICTS

Summary at October 31, 1941

Statement showing the Total Capital Expenditures to October 31, 1941, on the construction of Primary and Secondary lines in Rural Power Districts; the portion thereof in course of construction, and the investment in lines in operation; also the amounts of the Grants (fifty per cent of both Primary and Secondary lines) paid or payable to the Commission by the Province of Ontario up to October 31, 1941

System	Total capital expenditure	In course of construction	In operation	Grants (50% of Primary and Secondary lines) paid or payable by the Province as authorized by Orders-in-Council*
	$ c.	$ c.	$ c.	$ c.
Niagara system	23,679,259.09	37,223.55	23,642,035.54	11,790,077.59
Georgian Bay system	5,312,803.76	....	5,312,803.76	2,572,679.06
Eastern Ontario system	8,540,521.50	....	8,540,521.50	4,243,480.55
Thunder Bay system	486,366.01	....	486,366.01	243,183.00
Sub-total	38,018,950.36	37,223.55	37,981,726.81	18,849,420.20
Northern Ontario Properties	793,642.40	339.09	793,303.31	388,353.15
Totals	38,812,592.76	37,562.64	38,775,030.12	19,237,773.35

*Grants not made by Province in respect of a summer resort, street lighting systems in 81 districts, service buildings in 5 districts, amounts paid for business already established (hereinafter called Intangible Assets) in 11 rural distribution systems purchased from private companies and transformer station in 1 district.

NOTE:

The Grants paid over by the Province to the Commission up to October 31, 1941 on account of authorized grants to rural power districts—amount to	$19,270,108.10	
The Grants payable by the Province—as above set out—in respect of rural power districts as at October 31, 1941, amount in the aggregate to	19,237,773.35	
A balance of		$32,334.75

Which balance represents:

Grant funds in the hands of the Commission at October 31, 1941, not allocated, but to apply against the construction of authorized rural power districts and extension to existing districts	$32,334.75

THE HYDRO-ELECTRIC POWER

Power Accounts Receivable

System or property	Wholesale power consumers			
	Interim power bills	Accumulated amount standing as a charge or credit on October 31, 1941		Net total for wholesale consumers
		Charge	Credit	
	$ c.	$ c.	$ c.	$ c.
NIAGARA SYSTEM:				
Municipalities	2,170,641.28	62,367.16	376,770.84	1,856,237.60
Companies	1,130,066.82			1,130,066.82
Local and rural				
	3,300,708.10	62,367.16	376,770.84	2,986,304.42
GEORGIAN BAY SYSTEM:				
Municipalities	137,992.51	2,106.19	56,031.69	84,067.01
Companies	19,193.32			19,193.32
Local and rural				
	157,185.83	2,106.19	56,031.69	103,260.33
EASTERN ONTARIO SYSTEM:				
Municipalities	384,533.77	29,756.63	106,285.03	308,005.37
Companies	83,787.97			83,787.97
Local and rural				
	468,321.74	29,756.63	106,285.03	391,793.34
THUNDER BAY SYSTEM:				
Municipalities	130,896.03		22,155.01	108,741.02
Companies	160,833.98			160,833.98
Local and rural				
	291,730.01		22,155.01	269,575.00
Grand totals	4,217,945.68	94,229.98	561,242.57	3,750,933.09

COMMISSION OF ONTARIO

—October 31, 1941

Retail power consumers—local and rural districts	Net total of power accounts receivable	Balance sheet figures		Debit balances three months or more overdue
		Debit balances	Credit balances	
$ c.	$ c.	$ c.	$ c.	$ c.
....	1,856,237.60	1,893,780.34	37,542.74	1,186.00
....	1,130,066.82	1,130,066.82	....	....
698,839.51	698,839.51	698,839.51	....	11,352.15
698,839.51	3,685,143.93	3,722,686.67	37,542.74	12,538.15
....	84,067.01	92,592.09	8,525.08	1,475.77
....	19,193.32	19,193.32	....	....
179,921.20	179,921.20	179,921.20	....	7,374.74
179,921.20	283,181.53	291,706.61	8,525.08	8,850.51
....	308,005.37	310,843.92	2,838.55	366.65
....	83,787.97	83,787.97	....	104.53
255,799.04	255,799.04	255,799.04	....	11,433.85
255,799.04	647,592.38	650,430.93	2,838.55	11,905.03
....	108,741.02	108,910.83	169.81	....
....	160,833.98	160,833.98	....	82,040.25
13,586.12	13,586.12	13,586.12	....	1,530.72
13,586.12	283,161.12	283,330.93	169.81	83,570.97
1,148,145.87	4,899,078.96	4,948,155.14	49,076.18	116,864.66

THE HYDRO-ELECTRIC POWER

Funded Debt Issued or

Description	Application of proceeds	Date of issue
6% H-E.P.C. debentures...........	Toronto & York Radial Railway	Dec. 1, 1920
6% " "	Toronto Power Company..............	Dec. 1, 1920
6% " "	T. & Y. R. R. equipment	Dec. 1, 1920
2½% " "	Refunding Province of Ont. advances, etc.	Mar. 1, 1936
6% " "	Refunding Ontario Power Company	June 24, 1921
2½% " serial debentures......	Refunding H-E.P.C. 1941 debentures and financing plant extensions............	Feb. 15, 1941
3½% " debentures...........	Refunding D.P. & T. and E. D. Companies	Jan. 1, 1935
5% Ontario Power Company bonds..	Ontario Power Company	Feb. 1, 1903
2½% H-E.P.C. debentures.........	Refunding Province of Ont. advances, etc.	June 15, 1935
5% Ontario Transmission Co. bonds.	Ontario Transmission Company	May 1, 1905
3% H-E.P.C. debentures...........	Financing Plant Extensions	Aug. 1, 1938
3¼% " "	Refunding Toronto Power Company	Feb. 1, 1938
4% " "	Ontario Power Company	Aug. 1, 1917
4% " "	Essex system	June 1, 1918
4% " "	Thorold system	Dec. 1, 1918
4¾% " "	Dominion Power & Transmission Company	Jan. 1, 1930
Municipal debentures assumed....	....	....
Funded debt as shown on the Balance Sheet of The Hydro-Electric Power Commission of Ontario.....................	....	....
NORTHERN ONTARIO PROPERTIES:		
2½% H-E.P.C. debentures.........	Abitibi and St. Joseph districts	Mar. 1, 1936
2½% " serial debentures......	Refunding H-E.P.C. 1941 debentures	Feb. 15, 1941
2½% " debentures...........	Refunding Ontario Power Service Corp'n and financing plant extensions	April 1, 1937
3½% " "		April 1, 1937
3% " "	Financing plant extensions	Aug. 1, 1938
Funded debt relating to all properties vested in, or operated by, the Commission..............	....	....

COMMISSION OF ONTARIO

Assumed—October 31, 1941

Date of maturity	Matured and/or paid during year	Principal outstanding October 31, 1941	Interest for the year 1940-1941	Interest accured October 31, 1941
	$ c.	$ c.	$ c.	$ c.
Dec. 1, 1940	2,076,000.00	....	10,380.00	....
Dec. 1, 1940	413,200.00	....	2,066.00	....
Dec. 1, 1940	204,800.00	....	1,024.00	....
Mar. 1, 1941	10,000,000.00	....	83,333.33	....
June 24, 1941	3,200,000.00	....	124,142.47	....
Feb. 15, 1942-1949	....	12,000,000.00	210,856.00	62,500.00
Jan. 1, 1943	....	10,000,000.00	350,000.00	116,666.66
Feb. 1, 1943	50,000.00	7,404,000.00	369,575.00	92,550.00
June 15, 1944	....	10,000,000.00	250,000.00	93,750.00
May 1, 1945	14,000.00	1,131,000.00	56,725.00	....
Aug. 1, 1948	....	7,740,000.00	232,200.00	58,050.00
Feb. 1, 1953	....	9,000,000.00	292,500.00	73,125.00
Aug. 1, 1957	....	8,000,000.00	320,000.00	80,000.00
June 1, 1958	....	200,000.00	8,000.00	3,333.34
Dec. 1, 1958	....	100,000.00	4,000.00	1,666.67
Jan. 1, 1970	....	11,864,000.00	563,541.23	187,847.89
	15,958,000.00	77,439,000.00	2,878,343.03	769,489.56
....	383.67	1,283.75	440.00	146.67
....	15,958,383.67	77,440,283.75	2,878,783.03	769,636.23
Mar. 1, 1941	5,000,000.00	....	41,666.67	....
Feb. 15, 1942-1949	....	3,000,000.00	52,714.00	15,625.00
April 1, 1942	....	11,000,000.00	275,000.00	22,916.66
April 1, 1947	....	8,000,000.00	280,000.00	23,333.33
Aug. 1, 1948	....	4,760,000.00	142,800.00	35,700.00
	5,000,000.00	26,760,000.00	792,180.67	97,574.99
....	20,958,383.67	104,200,283.75	3,670,963.70	867,211.22

THE HYDRO-ELECTRIC POWER

Renewals Reserves

	Niagara system	Georgian Bay system
	$ c.	$ c.
Balances at November 1, 1940	34,801,858.49	2,616,888.63
Transferred during the year	....	....
Provision in the year—direct	1,743,493.19	177,086.98
indirect	....	....
Interest at 4% on reserves' balances	1,392,074.33	104,675.55
Adjustments re transfer of equipment	(99,756.58)	(11,015.59)
Sub-total	37,837,669.43	2,887,635.57
Expenditures for the year	1,007,063.44	67,385.53
Balances at October 31, 1941	36,830,605.99	2,820,250.04
Account balances:		
Power plants, transmission lines and transformer stations	32,583,902.82	2,335,248.73
Rural power districts	4,237,693.57	484,598.83
Rural lines	9,009.60	402.48
Administrative office buildings	....	....
Service buildings and equipment	....	....
	36,830,605.99	2,820,250.04

THE HYDRO-ELECTRIC POWER

Contingencies and Obsolescence

	Niagara system	Georgian Bay system
	$ c.	$ c.
Balances at November 1, 1940	4,719,460.53	546,719.55
Add:		
War loads net revenues for fiscal year 1940, transferred from Stabilization of Rates reserve	1,432,168.38	29,106.42
	6,151,628.91	575,825.97
Transferred during the year	147,633.28	11,947.39
Provision in the year as per cost statement	5,303,314.71	222,236.76
Interest at 4% on reserves' balances	246,065.16	23,033.04
Sub-total	11,848,642.06	833,043.16
Contingencies met with during the year	2,286,018.59	59,616.20
Terminal building, Hamilton	27,276.90	....
Balances at October 31, 1941	9,535,346.57	773,426.96
Account balances:		
Power plants, transmission lines, transformer stations and rural power districts	9,530,996.25	773,255.43
Rural lines	4,350.32	171.53
	9,535,346.57	773,426.96

COMMISSION OF ONTARIO

—October 31, 1941

Eastern Ontario system	Thunder Bay system	Service and administrative buildings and equipment	Totals for power undertakings operated on a "cost basis"
$ c.	$ c.	$ c.	$ c.
5,669,885.10	3,005,510.50	605,528.81	46,699,671.53
....	....	32,726.44	32,726.44
324,269.78	164,722.38	....	2,409,572.33
....	....	16,465.75	16,465.75
226,795.41	120,220.42	21,034.57	1,864,800.28
(6,174.79)	....	....	(116,946.96)
6,214,775.50	3,290,453.30	675,755.57	50,906,289.37
96,140.77	993.99	12,906.38	1,184,490.11
6,118,634.73	3,289,459.31	662,849.19	49,721,799.26
5,124,006.75	3,261,206.90	....	43,304,365.20
994,627.98	28,252.41	....	5,745,172.79
....	....	....	9,412.08
....	....	223,072.36	223,072.36
....	....	439,776.83	439,776.83
6,118,634.73	3,289,459.31	662,849.19	49,721,799.26

COMMISSION OF ONTARIO

Reserves—October 31, 1941

Eastern Ontario system	Thunder Bay system	Totals for power undertakings operated on a "cost basis"
$ c.	$ c.	$ c.
1,761,539.85	1,770,257.60	8,797,977.53
4,907.77	....	1,466,182.57
1,766,447.62	1,770,257.60	10,264,160.10
5,771.39	....	165,352.06
349,889.12	234,144.07	6,109,584.66
70,657.90	72,324.51	412,080.61
2,192,766.03	2,076,726.18	16,951,177.43
295,881.54	12,046.56	2,653,562.89
....	....	27,276.90
1,896,884.49	2,064,679.62	14,270,337.64
1,896,884.49	2,064,679.62	14,265,815.79
....	....	4,521.85
1,896,884.49	2,064,679.62	14,270,337.64

THE HYDRO-ELECTRIC POWER

Stabilization of Rates Reserves

	Niagara system	Georgian Bay system
	$ c.	$ c.
Balances at November 1, 1940	7,414,112.41	448,878.04
Deduct:—		
War loads net revenues for fiscal year 1940, transferred to Contingency reserve	1,432,168.38	29,106.42
	5,981,944.03	419,771.62
Appropriations in the year as per cost statement	1,835,247.20	150,864.80
Interest at 4% on reserves balances	239,277.76	16,790.86
	8,056,468.99	587,427.28
Account balances:		
Systems	8,056,468.99	587,427.28

THE HYDRO-ELECTRIC POWER

Sinking Fund Reserves

	Niagara system	Georgian Bay system
	$ c.	$ c.
Balances at November 1, 1940	48,924,539.12	2,010,160.69
Transferred during the year	141.41	....
Provision in the year—direct	2,335,878.57	131,321.22
indirect	....	....
Interest at 4% on reserves' balances	1,956,981.56	80,406.43
Balances at October 31, 1941	53,217,540.66	2,221,888.34
Account balances:		
Systems	51,794,725.17	2,029,824.15
Rural power districts	1,404,663.05	191,495.47
Rural lines	18,152.44	568.72
Administrative office buildings	....	....
Service buildings and equipment	....	....
	53,217,540.66	2,221,888.34

COMMISSION OF ONTARIO

—October 31, 1941

Eastern Ontario system	Thunder Bay		Total for power undertakings operated on a "cost basis"
	system	Mining area	
$ c.	$ c.	$ c.	$ c.
940,818.43	203,563.18	108,498.48	9,115,870 54
4,907.77	....	....	1,466,182.57
935,910.66	203,563.18	108,498.48	7,649,687.97
435,180.40	83,241.15	96,812.82	2,601,346.37
37,436.43	8,142.53	4,339.94	305,987.52
1,408,527.49	294,946.86	209,651.24	10,557,021.86
1,408,527.49	294,946.86	209,651.24	10,557,021.86

COMMISSION OF ONTARIO

—October 31, 1941

Eastern Ontario system	Thunder Bay system	Service and administrative buildings and equipment	Totals for power undertakings operated on a "cost basis"
$ c.	$ c.	$ c.	$ c.
2,978,972.70	2,726,350.68	538,181.68	57,178,204.87
....	....	....	141.41
260,226.79	198,319.23	....	2,925,745.81
....	....	34,165.72	34,165.72
119,158.90	109,054.03	21,527.27	2,287,128.19
3,358,358.39	3,033,723.94	593,874.67	62,425,386.00
3,013,443.09	3,023,079.14	....	59,861,071.55
344,915.30	10,644.80	....	1,951,718.62
....	....	....	18,721.16
....	....	373,666.81	373,666.81
....	....	220,207.86	220,207.86
3,358,358.39	3,033,723.94	593,874.67	62,425,386.00

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

Account with

The Provincial Treasurer of the Province of Ontario

As at October 31, 1941

ADVANCES FROM THE PROVINCE OF ONTARIO

	Total	Northern Ontario Properties operated for the Province of Ontario	Niagara and other systems operated on a "cost basis"
	$ c.	$ c.	$ c.
Advances for Capital Expenditures:			
Cash advances made by the Province to the Commission for capital expenditures purposes during the years 1909 to 1934, inclusive	207,250,258.34	8,331,113.46	198,919,144.88
Cash returned by the Commission to the Province on April 30, 1935, to cover the difference between advances made by the Province to the Commission during the year ended October 31, 1934, and the capital expenditures made out of such advances by the Commission in that year	247,507.98	74,001.99	173,505.99
Total advances for capital expenditures	207,002,750.36	8,257,111.47	198,745,638.89
Repayments of Advances—1926 to 1933:			
Cash repayments made by the Commission to the Province during the years 1926 to 1933 inclusive, which have been applied in each subsequent year to reduce the Commission's share in maturing Provincial obligations	17,008,616.73	3,061.39	17,005,555.34
Commission's share in Provincial Bonds at October 31, 1934	189,994,133.63	8,254,050.08	181,740,083.55
Repayments of Advances:			
Retirements of Commission's share of Provincial bonds matured in the period November 1, 1934, to October 31, 1941:			
In year ended Oct. 31, 1935...$ 3,946,628.69			
" " " " 1936... 21,998,092.45			
" " " " 1937... 13,557,615.63			
" " " " 1938... 1,777,019.93			
" " " " 1939... 2,151,516.02			
" " " " 1940... 1,756,175.77			
" " " " 1941... 7,739,894.75			
	52,926,943.24	2,212,477.38	50,714,465.86
Commission's share in Provincial bonds at October 31, 1941	137,067,190.39	6,041,572.70	131,025,617.69

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

STATEMENTS FOR MUNICIPALITIES

RECEIVING POWER UNDER COST CONTRACTS

For the Year ended October 31, 1941

STATEMENTS FOR EACH SYSTEM

Cost of Power	Credit or Charge
Sinking Fund	Rural Operating

NIAGARA

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power

Municipality	Interim rates per horsepower collected by Commission during year		Share of capital cost of system	Average horsepower supplied in year after correction for power factor	Share of operating		
	To Dec. 31, 1940	From Jan. 1, 1941			Cost of power purchased	Operating maintenance and administrative expenses	Interest
	$ c.	$ c.	$ c.		$ c.	$ c.	$ c.
Acton	28.50	28.50	289,643.38	1,393.2	8,690.48	5,703.47	13,251.57
Agincourt	35.50	35.50	43,459.46	207.7	1,295.59	1,055.89	1,955.99
Ailsa Craig	44.00	44.00	35,082.16	126.6	789.70	1,166.55	1,596.65
Alvinston	63.00	63.00	36,516.65	105.9	660.58	1,885.76	1,638.42
Amherstburg	33.50	33.50	213,870.43	859.9	5,363.87	4,204.12	9,756.95
Ancaster township	27.50	27.50	68,561.85	358.1	2,233.75	1,504.52	3,128.91
Arkona	65.00	65.00	24,442.87	62.6	390.49	1,006.69	1,103.46
Aylmer	30.50	30.50	156,284.17	731.0	4,559.82	3,541.35	7,288.10
Ayr	29.50	29.50	58,583.44	230.2	1,435.94	1,426.48	2,679.08
Baden	28.50	28.50	72,540.09	346.4	2,160.77	1,638.62	3,215.81
Beachville	28.50	28.50	124,967.73	595.3	3,713.35	2,775.43	5,687.11
Beamsville	26.00	26.00	85,942.98	390.5	2,435.85	1,705.35	3,586.61
Belle River	34.50	34.50	43,399.11	178.2	1,111.57	1,042.90	1,973.15
Blenheim	34.50	34.50	122,642.85	542.7	3,385.24	3,614.68	5,512.67
Blyth	47.00	44.00	40,553.27	136.7	852.70	1,491.33	1,832.23
Bolton	38.50	38.50	50,517.69	188.8	1,177.69	1,313.94	2,238.16
Bothwell	42.50	42.50	35,710.71	141.9	885.14	1,284.41	1,598.14
Brampton	27.00	27.00	530,241.97	2,935.6	18,311.64	11,069.53	24,167.50
Brantford	23.50	23.50	3,153,610.45	17,679.1	110,278.39	58,870.77	146,653.16
Brantford twp.	27.50	27.50	172,922.81	957.1	5,970.18	6,704.35	7,927.07
Bridgeport	31.50	31.50	26,867.87	117.9	735.43	618.88	1,225.89
Brigden	55.00	55.00	28,167.59	85.5	533.33	1,033.58	1,269.13
Brussels	44.00	44.00	42,352.71	148.0	923.19	1,599.08	1,915.77
Burford	30.50	30.50	42,584.02	200.3	1,249.43	1,073.79	1,941.26
Burgessville	50.50	48.00	14,384.70	46.8	291.93	819.25	642.19
Caledonia	27.50	27.50	77,051.48	378.9	2,363.50	1,716.93	3,530.71
Campbellville	50.00	50.00	12,533.81	35.6	222.07	504.78	570.26
Cayuga	42.00	42.00	41,705.50	140.3	875.16	1,052.39	1,894.23
Chatham	26.50	26.50	1,289,845.49	6,607.9	41,218.65	27,187.47	58,557.19
Chippawa	21.50	21.50	44,862.57	327.3	2,041.63	1,026.99	2,039.39
Clifford	50.00	50.00	33,319.79	103.0	642.49	1,338.76	1,507.64
Clinton	33.50	33.50	138,745.59	607.4	3,788.83	4,013.75	6,306.22
Comber	41.50	41.50	37,270.46	129.2	805.92	1,154.32	1,687.05
Cottam	40.50	40.50	22,390.05	80.7	503.39	603.59	1,016.76
Courtright	60.00	60.00	21,859.02	46.0	286.94	620.74	877.49
Dashwood	42.00	42.00	25,029.92	91.0	567.64	633.54	1,135.70
Delaware	34.00	34.00	15,558.08	75.0	467.83	456.82	707.18
Delhi	36.00	33.00	123,577.50	532.0	3,318.50	2,785.82	5,608.48
Dorchester	36.00	36.00	25,987.36	108.1	674.30	657.04	1,183.99
Drayton	50.00	50.00	43,866.21	117.5	732.94	1,412.02	1,885.72

SYSTEM *N—COST OF POWER*

Municipality as the Cost—under Power Commission Act—of Power supplied to from each Municipality, and the amount remaining to be credited supplied to it in the year ended October 31, 1941

costs and fixed charges				Revenue received in excess of cost of power sold to private companies	Amount charged to each municipality in respect of power supplied to it in the year	Amount received from (or billed against) each municipality by the Commission	Amount remaining to be credited or charged to each municipality Credited (Charged)
Provision for renewals	Provision for contingencies and obsolescence	Provision for stabilization of rates	Provision for sinking fund	Credit			
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
2,483.20	1,641.50	2,786.40	3,060.91	471.99	37,145.54	39,706.92	2,561.38
354.95	237.17	415.40	456.42	70.36	5,701.05	7,371.86	1,670.81
356.30	176.84	253.20	370.65	42.89	4,667.00	5,570.40	903.40
401.99	169.63	211.80	385.72	35.88	5,318.02	6,671.72	1,353.70
1,979.04	1,161.72	1,719.80	2,254.34	291.32	26,148.52	28,808.05	2,659.53
553.70	396.65	716.20	724.59	121.32	9,137.00	9,847.53	710.53
279.93	107.40	125.20	257.72	21.21	3,249.68	4,067.93	818.25
1,413.75	892.06	1,462.00	1,688.32	247.65	20,597.75	22,293.99	1,696.24
569.48	319.94	460.40	617.88	77.99	7,431.21	6,790.16	(641.05)
590.66	403.95	692.80	743.62	117.35	9,328.88	9,873.21	544.33
1,064.42	721.03	1,190.60	1,312.59	201.68	16,262.85	16,966.52	703.67
681.40	445.00	781.00	829.43	132.29	10,332.35	10,153.01	(179.34)
396.30	235.36	356.40	457.47	60.37	5,512.78	6,147.35	634.57
1,070.41	673.85	1,085.40	1,282.86	183.86	16,441.25	18,721.71	2,280.46
421.97	196.29	273.40	427.53	46.31	5,449.14	6,087.01	637.87
470.88	245.75	377.60	519.60	63.96	6,279.66	7,270.42	990.76
334.40	189.80	283.80	373.70	48.07	4,901.32	6,031.12	1,129.80
4,063.78	3,096.33	5,871.20	5,602.43	994.52	71,187.89	79,262.12	8,074.23
24,575.36	19,012.95	34,548.80	33,802.73	5,852.24	421,889.92	415,919.27	(5,970.65)
1,312.79	1,030.32	1,914.20	1,828.39	324.25	26,363.05	26,319.34	(43.71)
244.63	145.12	235.80	283.70	39.94	3,449.51	3,714.13	264.62
303.93	135.66	171.00	296.96	28.97	3,714.62	4,702.04	987.42
433.55	208.64	296.00	446.52	50.14	5,772.61	6,510.17	737.56
370.80	242.77	400.60	450.08	67.86	5,660.87	6,108.90	448.03
151.24	67.81	93.60	150.62	15.85	2,200.79	2,266.31	65.52
653.45	446.05	757.80	814.13	128.36	10,154.21	10,418.37	264.16
140.43	57.51	71.20	131.93	12.06	1,686.12	1,781.24	95.12
439.59	199.50	280.60	440.19	47.53	5,134.13	5,890.50	756.37
10,055.73	7,465.71	13,215.80	13,529.84	2,238.63	168,991.76	175,109.10	6,117.34
263.83	289.30	654.60	472.99	110.88	6,677.85	7,036.05	358.20
359.30	155.06	206.00	351.17	34.89	4,525.53	5,150.41	624.88
1,253.25	738.25	1,214.80	1,463.23	205.78	18,572.55	20,349.33	1,776.78
376.43	181.46	258.40	390.77	43.77	4,810.58	5,362.52	551.94
220.35	112.69	161.40	235.87	27.34	2,826.71	3,269.03	442.32
225.22	82.31	92.00	203.07	15.58	2,372.19	2,757.50	385.31
253.29	125.30	182.00	264.43	30.83	3,131.07	3,823.75	692.68
132.75	89.07	150.00	164.59	25.41	2,142.83	2,549.44	406.61
1,140.31	669.33	1,064.00	1,308.11	180.23	15,714.32	17,870.59	2,156.27
244.76	138.18	216.20	274.73	36.62	3,352.58	3,890.40	537.82
463.42	186.22	235.00	438.19	39.81	5,313.70	5,877.09	563.39

NIAGARA

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power

Municipality	Interim rates per horsepower collected by Commission during year		Share of capital cost of system	Average horse-power supplied in year after correction for power factor	Share of operating		
	To Dec. 31, 1940	From Jan. 1, 1941			Cost of power purchased	Operating maintenance and administrative expenses	Interest
	$ c.	$ c.	$ c.		$ c.	$ c.	$ c.
Dresden	38.00	38.00	99,887.86	405.1	2,526.93	2,904.83	4,506.91
Drumbo	35.00	35.00	22,465.21	96.0	598.83	850.16	1,021.65
Dublin	50.00	50.00	13,655.02	42.7	266.35	460.32	618.21
Dundas	22.50	22.50	396,787.49	2,355.3	14,691.85	6,772.97	18,196.06
Dunnville	27.50	27.50	206,756.71	1,215.5	7,582.03	3,296.93	8,975.53
Dutton	33.50	33.50	58,663.09	257.7	1,607.48	1,789.49	2,685.39
East York Twp.	27.50	27.50	1,315,263.15	7,161.8	44,673.75	38,831.40	58,574.27
Elmira	30.00	30.00	175,926.28	810.7	5,056.97	3,335.85	8,025.50
Elora	31.50	31.50	93,910.50	421.2	2,627.35	2,413.84	4,287.16
Embro	40.00	40.00	29,024.50	111.8	697.38	813.06	1,312.55
Erieau	48.00	48.00	37,824.39	105.2	656.21	1,261.72	1,699.60
Erie Beach	55.00	55.00	7,385.03	19.9	124.13	377.87	330.05
Essex	31.50	31.50	135,875.07	578.7	3,609.80	2,665.67	6,187.87
Etobicoke twp.	23.50	23.50	1,255,274.16	6,810.6	42,483.05	25,029.89	57,444.29
Exeter	34.50	34.50	141,069.67	594.1	3,705.87	3,189.02	6,254.89
Fergus	31.50	31.50	275,812.41	1,260.1	7,860.23	6,523.83	12,568.80
Fonthill	29.50	29.50	33,935.04	166.0	1,035.47	807.60	1,544.58
Forest	40.00	40.00	141,117.34	522.5	3,259.24	4,437.20	6,415.13
Forest Hill Village	25.50	25.50	1,137,707.78	6,520.1	40,670.97	20,675.20	52,413.58
Calt	24.00	24.00	1,741,965.88	9,758.1	60,868.91	34,849.03	79,765.53
Georgetown	31.50	31.50	379,341.89	1,682.7	10,496.32	7,926.65	17,271.77
Glencoe	50.00	50.00	68,772.42	210.6	1,313.68	2,347.56	3,085.74
Goderich	37.50	37.50	375,816.18	1,470.8	9,174.54	10,478.81	17,040.81
Granton	45.00	45.00	19,869.40	70.9	442.26	625.27	869.58
Guelph	23.50	23.50	1,901,573.92	10,775.2	67,213.36	38,249.04	87,328.85
Hagersville	28.50	28.50	191,487.12	851.6	5,312.10	3,427.12	8,781.84
Hamilton	22.00	22.00	22,027,995.05	135,796.5	847,069.09	360,446.65	1,010,719.74
Harriston	37.50	37.50	99,649.50	397.3	2,478.27	4,054.43	4,523.09
Harrow	34.50	34.50	126,615.90	496.3	3,095.81	2,705.60	5,773.48
Hensall	45.50	45.50	61,608.31	201.8	1,258.78	1,631.48	2,734.53
Hespeler	24.50	24.50	476,262.78	2,682.7	16,734.10	9,683.82	21,782.60
Highgate	42.50	42.50	21,836.10	80.9	504.64	697.10	982.01
Humberstone	24.50	24.50	84,436.11	464.9	2,899.95	1,608.12	3,853.92
Ingersoll	25.50	25.50	548,729.52	2,846.0	17,752.74	10,724.67	25,026.13
Jarvis	35.50	35.50	53,124.39	189.2	1,180.19	1,027.52	2,430.25

Municipality as the Cost—under Power Commission Act—of Power supplied to from each Municipality, and the amount remaining to be credited supplied to it in the year ended October 31, 1941

costs and fixed charges				Revenue received in excess of cost of power sold to private companies	Amount charged to each municipality in respect of power supplied to it in the year	Amount received from (or billed against) each municipality by the Commission	Amount remaining to be credited or charged to each municipality Credited (Charged)
Provision for renewals	Provision for contingencies and obsolescence	Provision for stabilization of rates	Provision for sinking fund	Credit			
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
929.24	528.74	810.20	1,049.02	137.24	13,118.63	15,393.16	2,274.53
208.00	120.97	192.00	236.97	32.52	3,196.06	3,359.71	163.65
146.62	70.67	85.40	143.95	14.47	1,777.05	2,134.16	357.11
2,829.39	2,398.47	4,710.60	4,195.46	797.93	52,996.87	52,995.05	(1.82)
1,456.66	1,248.11	2,431.00	2,098.15	411.79	26,676.62	33,427.59	6,750.97
534.95	323.98	515.40	620.85	87.30	7,990.24	8,631.85	641.61
9,109.44	7,461.43	14,323.60	13,540.77	2,426.28	184,088.38	196,949.50	12,861.12
1,549.78	983.67	1,621.40	1,857.84	274.65	22,156.36	24,320.00	2,163.64
845.90	517.25	842.40	992.19	142.69	12,383.40	13,268.33	884.93
285.54	153.98	223.60	306.62	37.88	3,754.85	4,471.32	716.47
418.26	165.75	210.40	396.63	35.64	4,772.93	5,050.40	277.47
82.57	31.93	39.80	77.45	6.74	1,057.06	1,094.96	37.90
1,209.83	746.35	1,157.40	1,431.47	196.05	16,812.34	18,229.76	1,417.42
9,751.90	7,461.71	13,621.20	13,240.22	2,307.30	166,724.96	160,049.12	(6,675.84)
1,265.29	742.06	1,188.20	1,453.79	201.27	17,597.85	20,495.03	2,897.18
2,453.56	1,525.86	2,520.20	2,914.22	426.90	35,939.80	39,692.11	3,752.31
296.52	194.57	332.00	357.51	56.24	4,512.01	4,897.26	385.25
1,393.04	739.19	1,045.00	1,488.73	177.01	18,600.52	20,901.33	2,300.81
7,979.38	6,699.64	13,040.20	12,129.96	2,208.88	151,400.05	166,263.60	14,863.55
13,038.32	10,368.54	19,516.20	18,400.89	3,305.86	233,501.56	234,193.80	692.24
3,429.91	2,059.43	3,365.40	3,999.32	570.07	47,978.73	53,004.55	5,025.82
732.88	321.10	421.20	720.71	71.35	8,871.52	10,530.83	1,659.31
3,633.64	1,884.26	2,941.60	3,963.64	498.28	48,619.02	55,156.32	6,537.30
192.47	96.05	141.80	202.61	24.02	2,546.02	3,192.02	646.00
14,150.46	11,478.31	21,550.40	20,124.93	3,650.43	256,444.92	253,216.41	(3,228.51)
1,743.34	1,061.00	1,703.20	2,022.61	288.51	23,762.70	24,269.32	506.62
150,424.05	135,351.33	271,593.00	232,929.46	46,005.25	2,962,528.07	2,987,521.53	24,993.46
952.80	525.96	794.60	1,050.50	134.60	14,245.05	14,900.34	655.29
1,189.90	679.83	992.60	1,334.59	168.14	15,603.67	17,120.93	1,517.26
635.28	286.31	403.60	638.07	68.37	7,519.68	9,183.80	1,664.12
3,544.91	2,843.92	5,365.40	5,030.99	908.85	64,076.89	65.724,94	1,648.05
212.80	109.57	161.80	228.60	27.41	2,869.11	3,439.68	570.57
674.77	514.42	929.80	889.60	157.50	11,213.08	11,389.81	176.73
4,382.88	3,182.99	5,692.00	5,779.66	964.17	71,576.90	72,572.09	995.19
546.04	268.88	378.40	560.79	64.10	6,327.97	6,717.79	389.82

NIAGARA

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power

Municipality	Interim rates per horsepower collected by Commission during year		Share of capital cost of system	Average horsepower supplied in year after correction for power factor	Share of operating		
	To Dec. 31, 1940	From Jan. 1, 1941			Cost of power purchased	Operating maintenance and administrative expenses	Interest
	$ c.	$ c.	$ c.		$ c.	$ c.	$ c.
Kingsville	33.50	33.50	157,477.55	628.3	3,919.20	3,104.40	7,180.96
Kitchener	23.50	23.50	4,394,999.55	25,072.9	156,399.31	79,682.15	201,306.05
Lambeth	37.50	37.50	32,385.10	133.6	833.37	1,202.83	1,416.41
LaSalle	32.50	32.50	48,815.68	206.1	1,285.61	1,303.49	2,233.43
Leamington	32.50	32.50	406,486.41	1,613.1	10,062.17	7,949.00	18,525.95
Listowel	31.50	31.50	285,710.83	1,338.0	8,346.15	7,822.12	12,998.99
London	23.00	23.00	6,859,882.46	38,667.3	241,198.22	125,056.42	315,155.27
London Township	29.50	29.50	110,235.61	528.5	3,296.67	2,413.72	4,942.27
Long Branch	25.50	25.50	184,398.44	997.4	6,221.56	3,706.82	8,400.26
Lucan	33.50	33.50	44,019.09	194.9	1,215.74	1,141.84	1,917.01
Lynden	33.50	33.50	26,290.80	116.3	725.45	706.81	1,195.22
Markham	32.50	32.50	83,222.65	370.6	2,311.72	1,988.01	3,812.91
Merlin	41.50	41.50	26,986.35	101.3	631.89	854.81	1,218.40
Merritton	20.00	20.00	1,110,908.09	7,682.7	47,923.02	18,793.22	50,791.26
Milton	30.50	30.50	260,892.58	1,320.2	8,235.12	5,630.30	11,872.35
Milverton	31.50	31.50	72,601.47	329.5	2,055.35	1,798.13	3,302.96
Mimico	22.50	22.50	413.873.60	2,419.0	15,089.20	8,479.27	18,932.24
Mitchell	29.50	29.50	135,666.90	664.6	4,145.64	3,669.62	6,181.11
Moorefield	58.00	58.00	15,700.78	38.6	240.78	504.77	675.06
Mount Brydges	37.50	37.50	23,155.84	103.6	646.23	830.34	1,054.35
Newbury	49.50	49.50	8,990.94	32.0	199.61	419.96	401.13
New Hamburg	30.50	30.50	124,854.92	590.2	3,681.54	2,812.92	5,685.80
New Toronto	25.50	25.50	2,075,300.15	10,816.6	67,471.60	43,664.35	94,651.96
Niagara Falls	17.00	17.00	1,200,856.89	10,400.6	64,876.69	21,276.90	54,945.08
Niagara-on-the-Lake	22.50	22.50	115,160.40	793.6	4,950.30	2,847.51	5,232.64
North York Twp.	27.50	27.50	1,257,221.04	6,363.1	39,691.64	25,501.92	57,701.85
Norwich	30.50	30.50	91,400.63	408.6	2,548.76	1,937.65	4,119.99
Oil Springs	38.50	38.50	51,502.30	201.3	1,255.67	1,730.74	2,338.61
Otterville	40.50	40.50	29,815.23	112.9	704.25	868.01	1,331.37
Palmerston	34.00	34.00	127,289.25	552.9	3,448.87	4,108.31	5,793.19
Paris	24.50	24.50	327,983.97	1,801.5	11,237.37	6,454.47	14,992.02
Parkhill	55.50	55.50	66,587.47	193.0	1,203.89	2,349.75	3,022.43
Petrolia	35.50	35.50	265,853.00	1,118.9	6,979.45	7,265.50	12,063.44
Plattsville	44.00	44.00	30,713.44	109.4	682.41	1,120.03	1,389.58
Point Edward	33.50	33.50	321,325.33	1,525.4	9,515.11	12,420.16	14,650.43

SYSTEM *N—COST OF POWER*

Municipality as the Cost—under Power Commission Act—of Power supplied to
from each Municipality, and the amount remaining to be credited
supplied to it in the year ended October 31, 1941

costs and fixed charges				Revenue received in excess of cost of power sold to private companies	Amount charged to each municipality in respect of power supplied to it in the year	Amount received from (or billed against) each municipality by the Commission	Amount remaining to be credited or charged to each municipality Credited (Charged)
Provision for renewals	Provision for contingencies and obsolescence	Provision for stabilization of rates	Provision for sinking fund	Credit			
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
1,466.85	852.87	1,256.60	1,661.79	212.86	19,229.81	21,046.38	1,816.57
32,241.38	26,486.82	50,145.80	46,444.48	8,494.22	584,211.77	589,214.24	5,002.47
288.49	165.15	267.20	329.70	45.26	4,457.89	5,008.75	550.86
437.95	268.48	412.20	514.77	69.82	6,386.11	6,699.86	313.75
3,791.76	2,139.07	3,226.20	4,284.60	546.49	49,432.26	52,427.05	2,994.79
2,459.26	1,607.90	2,676.00	3,011.65	453.29	38,468.78	42,146.50	3,677.72
51,022.36	41,277.71	77,334.60	72,626.87	13,099.74	910,571.71	889,347.15	(21,224.56)
914.11	617.04	1,057.00	1,144.80	179.05	14,206.56	15,591.00	1,384.44
1,436.04	1,092.19	1,994.80	1,942.33	337.90	24,456.10	25,434.57	978.47
370.05	237.55	389.80	445.31	66.03	5,651.27	6,527.77	876.50
240.18	144.04	232.60	277.70	39.40	3,482.60	3,896.65	414.05
729.02	456.45	741.20	882.85	125.55	10,796.61	12,043.16	1,246.55
262.35	140.06	202.60	283.36	34.32	3,559.15	4,202.25	643.10
6,828.75	7,039.68	15,365.40	11,705.82	2,602.75	155,844.40	153,654.48	(2,189.92)
2,162.89	1,457.39	2,640.40	2,754.93	447.26	34,306.12	40,265.09	5,958.97
639.88	409.40	659.00	765.71	111.63	9,518.80	10,377.72	858.92
2,988.21	2,493.63	4,838.00	4,363.50	819.51	56,364.54	54,427.89	(1,936.65)
1,129.09	767.48	1,329.20	1,431.02	225.16	18,428.00	19,605.20	1,177.20
171.60	64.40	77.20	157.54	13.08	1,878.27	2,239.29	361.02
208.34	127.20	207.20	244.88	35.10	3,283.44	3,884.08	600.64
89.48	45.15	64.00	94.15	10.84	1,302.64	1,582.36	279.72
1,079.89	699.81	1,180.40	1,318.59	199.95	16,259.00	18,001.10	1,742.10
16,708.99	12,266.04	21,633.20	21,861.17	3,664.46	274,592.85	275,822.67	1,229.82
5,012.67	8,134.84	20,801.20	12,663.45	3,523.52	184,187.31	176,809.35	(7,377.96)
735.45	630.22	1,587.20	1,214.04	268.86	16,978.50	17,856.76	878.26
9,914.14	7,184.82	12,726.20	13,330.97	2,155.70	163,895.84	174,984.78	11,088.94
807.59	506.59	817.20	954.98	138.43	11,554.33	12,461.30	906.97
493.36	278.53	402.60	543.14	68.20	6,974.45	7,750.80	776.35
291.55	151.38	225.80	311.89	38.25	3,846.00	4,573.81	727.81
1,155.68	696.45	1,105.80	1,342.39	187.31	17,463.38	18,797.18	1,333.80
2,496.78	1,943.15	3,603.00	3,459.61	610.31	43,576.09	44,136.32	560.23
739.76	302.35	386.00	703.05	65.38	8,641.85	10,713.83	2,071.98
2,436.29	1,464.03	2,237.80	2,804.16	379.06	34,871.61	40,403.17	5,531.56
313.73	150.64	218.80	323.89	37.06	4,162.02	4,813.25	651.23
2,709.63	1,840.17	3,050.80	3,393.46	516.78	47,062.98	51,101.45	4,038.47

NIAGARA

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power

Municipality	Interim rates per horsepower collected by Commission during year		Share of capital cost of system	Average horsepower supplied in year after correction for power factor	Share of operating		
	To Dec. 31, 1940	From Jan. 1, 1941			Cost of power purchased	Operating maintenance and administrative expenses	Interest
	$ c.	$ c.	$ c.		$ c.	$ c.	$ c.
Port Colborne	24.50	24.50	346,934.49	1,910.2	11,915.41	6,282.01	15,830.81
Port Credit	29.50	29.50	146,155.31	750.0	4,678.34	3,386.89	6,660.43
Port Dalhousie	25.50	25.50	141,567.81	814.3	5,079.43	3,185.05	6,422.74
Port Dover	32.50	32.50	113,339.49	461.3	2,877.49	2,632.96	5,179.15
Port Rowan	40.00	40.00	28,788.21	100.6	627.52	988.03	1,309.21
Port Stanley	34.50	34.50	136,514.80	562.6	3,509.38	3.100.44	6,232.18
Preston	24.00	24.00	617,452.09	3,535.1	22,051.19	12,581.84	28,257.48
Princeton	40.50	40.50	37,358.15	120.7	752.90	1,170.22	1,704.07
Queenston	24.50	24.50	20,055.94	136.4	850.83	438.04	907.62
Richmond Hill	30.50	30.50	95,683.96	452.9	2,825.09	2,030.51	4,382.11
Ridgetown	33.50	33.50	131,788.46	575.5	3,589.84	3,488.73	5,941.25
Riverside	29.50	30.50	246,551.45	1,033.8	6,448.62	4,529.89	11,274.74
Rockwood	35.50	35.50	27,919.77	113.2	706.12	587.62	1,270.87
Rodney	44.00	44.00	49,089.47	166.6	1,039.21	1,755.66	2,230.04
St. Catharines	20.00	20.50	3,149,098.46	21,807.3	136,029.21	55.514.31	143,342.22
St. Clair Beach	35.50	35.50	24,109.60	90.0	561.40	664.01	1,100.03
St. George	35.50	35.50	37,691.70	142.4	888.26	1,123.22	1,723.65
St. Jacobs	29.50	29.50	62,287.92	310.6	1,937.46	1,391.04	2,837.04
St. Marys	30.50	30.50	305,389.09	1,468.7	9,161.44	9,263.22	13,924.16
St. Thomas	23.50	23.50	1,420,165.10	7,841.5	48,913.57	29,181.74	65,373.95
Sarnia	28.50	28.50	2,084,332.01	9,779.4	61,001.77	47,210.41	95,365.05
Scarborough Twp.	27.50	27.50	779,630.58	3,944.0	24,601.82	14,826.87	35,343.11
Seaforth	30.50	30.50	124,663.50	577.7	3,603.57	3,763.65	5,683.90
Simcoe	25.50	25.50	482,774.94	2,444.6	15,248.88	9,465.05	22,170.77
Smithville	35.08	35.00	42,170.67	156.6	976.84	1,047.38	1,791.90
Springfield	43.50	43.50	19,438.60	67.3	419.80	462.72	896.73
Stamford Twp	17.50	17.50	289,324.82	2,484.5	15,497.77	5,114.28	13,225.57
Stouffville	40.50	40.50	68,366.72	272.5	1,699.80	2,157.59	3,102.73
Stratford	25.50	25.50	1,355,913.83	7,267.4	45,332.46	28,635.18	61,957.21
Strathroy	29.50	29.50	267,343.01	1,302.0	8,121.60	6,167.65	12,217.49
Streetsville	34.00	34.00	38,177.46	188.4	1,175.20	1,133.00	1,728.86
Sutton	43.00	43.00	78,054.05	253.2	1,579.41	1,998.04	3,385.13
Swansea	29.00	29.00	511,294.86	3,011.3	18,783.84	18,550.58	23,288.51
Tavistock	31.50	31.50	137,919.23	639.7	3,990.31	3,344.38	6,276.83
Tecumseh	32.50	32.50	95,796.27	373.5	2,329.81	2,108.88	4,379.98

SYSTEM *N—COST OF POWER*

Municipality as the Cost—under Power Commission Act—of Power supplied to from each Municipality, and the amount remaining to be credited supplied to it in the year ended October 31, 1941

costs and fixed charges				Revenue received in excess of cost of power sold to private companies	Amount charged to each municipality in respect of power supplied to it in the year	Amount received from (or billed against) each municipality by the Commission	Amount remaining to be credited or charged to each municipality Credited (Charged)
Provision for renewals	Provision for contingencies and obsolescence	Provision for stabilization of rates	Provision for sinking fund	Credit			
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
2,772.52	2,113.67	3,820.40	3,655.23	647.14	45,742.91	46,800.77	1,057.86
1,198.53	857.46	1,500.00	1,543.86	254.09	19,571.42	22,125.75	2,554.33
1,073.01	837.41	1,628.60	1,485.87	275.87	19,436.24	20,764.68	1,328.44
1,081.53	603.23	922.60	1,199.40	156.28	14,340.08	14,993.06	652.98
296.92	143.60	201.20	304.44	34.08	3,836.84	4,025.67	188.83
1,295.58	730.10	1,125.20	1,445.06	190.60	17,247.34	19,409.71	2,162.37
4,519.19	3,722.20	7,070.20	6,522.77	1,197.62	83,527.25	84,842.78	1,315.53
398.22	174.88	241.40	393.91	40.89	4,794.71	4,888.35	93.64
130.35	123.57	272.80	211.43	46.21	2,888.43	3,341.00	452.57
800.61	539.29	905.80	1,015.51	153.43	12,345.49	13,812.43	1,466.94
1,160.55	720.52	1,151.00	1,378.26	194.97	17,235.18	19,279.07	2,043.89
2,220.99	1,367.66	2,067.60	2,599.14	350.23	30,158.41	31,329.94	1,171.53
267.55	149.20	226.40	294.88	38.35	3,464.29	4,018.02	553.73
513.31	238.47	333.20	518.94	56.44	6,572.39	7,328.94	756.55
19,148.72	19,887.89	43,614.60	33,033.87	7,387.89	443,182.93	445,284.82	2,101.89
230.53	125.85	180.00	252.37	30.49	3,083.70	3,195.31	111.61
374.79	196.80	284.80	398.02	48.24	4,941.30	5,053.41	112.11
517.06	359.66	621.20	657.94	105.23	8,216.17	9,161.96	945.79
2,523.21	1,763.13	2,937.40	3,219.63	497.57	42,294.62	44,794.18	2,499.56
10,804.61	8,524.53	15,683.00	15,049.52	2,656.55	190,874.37	184,275.25	(6,599.12)
17,754.78	11,849.21	19,558.80	22,024.63	3,313.07	271,451.58	278,711.95	7,260.37
6,055.77	4,410.16	7,888.00	8,186.41	1,336.15	99,975.99	108,460.91	8,484.92
1,082.49	685.65	1,155.40	1,314.84	195.71	17,093.79	17,620.84	527.05
3,963.65	2,773.93	4,889.20	5,115.04	828.18	62,798.34	62,338.55	(459.79)
388.30	217.30	313.20	413.37	53.05	5,095.24	5,482.44	387.20
205.92	94.76	134.60	208.61	22.80	2,400.34	2,927.92	527.58
1,234.38	1,950.83	4,969.00	3,051.00	841.70	44,201.13	43,479.48	(721.65)
643.65	351.40	545.00	724.69	92.32	9,132.54	11,035.93	1,903.39
10,432.58	8,040.09	14,534.80	14,304.57	2,462.06	180,774.83	185,319.53	4,544.70
2,263.28	1,479.64	2,604.00	2,828.25	441.09	35,240.82	38,409.22	3,168.40
323.02	221.34	376.80	403.23	63.83	5,297.62	6,406.14	1,108.52
760.31	355.73	506.40	787.26	85.78	9,286.50	10,888.33	1,601.83
3,422.17	3,031.26	6,022.60	5,407.00	1,020.17	77,485.79	87,327.22	9,841.43
1,196.82	779.35	1,279.40	1,454.65	216.72	18,105.02	20,149.00	2,043.98
903.22	513.69	747.00	1,009.80	126.53	11,865.85	12,139.31	273.46

NIAGARA

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power

Municipality	Interim rates per horsepower collected by Commission during year		Share of capital cost of system	Average horsepower supplied in year after correction for power factor	Share of operating		
	To Dec. 31, 1940	From Jan. 1, 1941			Cost of power purchased	Operating maintenance and administrative expenses	Interest
	$ c.	$ c.	$ c.		$ c.	$ c.	$ c.
Thamesford....	34.00	34.00	50,876.32	206.4	1,287.48	1,279.13	2,322.49
Thamesville....	35.50	35.50	50,189.37	217.0	1,353.60	1,562.37	2,255.68
Thedford.......	55.00	55.00	33,358.61	95.8	597.58	1,307.36	1,511.63
Thorndale......	50.00	50.00	22,081.19	73.9	460.97	661.73	995.30
Thorold........	21.00	21.00	368,961.99	2,404.0	14,995.63	6,733.82	16,867.72
Tilbury.........	33.50	33.50	190,466.23	830.8	5,182.35	5,206.71	8,620.24
Tillsonburg.....	28.50	28.50	275,945.08	1,329.4	8,292.51	5,656.48	12,510.78
Toronto........	22.60	22.60	56,936,327.12	336,346.5	2,098,056.45	978,819.20	2,608,750.89
Toronto Twp...	27.50	27.50	504,304.64	2,515.9	15,693.64	9,684.57	23,074.10
Trafalgar Twp.. Area No. 1...	26.50	26.50	78,768.87	383.2	2,390.32	1,831.89	3,611.55
Trafalgar Twp. Area No. 2...	27.50	27.50	33,787.17	151.2	943.15	909.50	1,552.06
Wallaceburg....	31.50	31.50	615,004.02	2,754.1	17,179.48	13,996.05	27,868.64
Wardsville.....	57.50	57.50	11,622.46	38.4	239.53	496.10	516.74
Waterdown.....	27.50	27.50	38,576.16	203.8	1,271.26	969.34	1,763.27
Waterford......	27.50	27.50	94,860.47	461.3	2,877.49	1,987.35	4,338.18
Waterloo.......	24.00	24.00	829,204.43	4,672.0	29,142.92	15,256.21	37,968.40
Watford.......	45.50	45.50	100,937.68	374.2	2,334.18	3,195.42	4,556.38
Welland.......	19.50	19.50	1,361,629.11	10,581.4	66,004.48	23,812.59	62,130.64
Wellesley......	44.00	44.00	30,170.80	118.8	741.05	834.50	1,346.51
West Lorne....	36.50	36.50	48,676.36	196.2	1,223.85	1,633.05	2,226.46
Weston........	23.00	23.00	758,809.71	4,237.7	26,433.85	13,854.03	34,872.20
Wheatley......	45.00	45.00	60,585.84	185.4	1,156.48	1,502.31	2,746.36
Windsor.......	26.00	26.00	9,170,774.02	44,665.3	278,612.44	150,817.17	418,712.21
Woodbridge....	30.50	30.50	134,688.11	641.7	4,002.79	2,629.09	6,149.27
Woodstock.....	24.50	24.50	1,349,339.32	7,385.3	46,067.90	26,219.26	61,610.90
Wyoming......	47.50	47.50	22,630.85	72.5	452.24	758.03	1,028.16
York Township.	25.50	25.50	2,768,064.86	14,276.2	89,051.84	55,311.55	124,012.74
Zurich.........	55.00	50.00	39,127.71	119.5	745.42	1,060.78	1,760.22
Ontario Reformatory...........			54,171.09	288.8	1,801.47	1,154.07	2,473.07
Toronto Transportation Comm...			75,005.55	425.8	2,656.05	1,526.60	3,372.18
Totals—Municipalities..........			151,635,530.66	864,531.2	5,392,758.02	2,811,599.00	6,936,999.35
Totals—Rural power districts....			11,749,848.51	53,497.1	333,703.41	264,336.02	533,893.24
Totals—Companies............			50,986,049.79	285,096.7	2,037,869.99	1,199,140.69	2,098,748.19
Totals—Local distribution sys....			767,265.80	2,622.9	16,361.09	42,968.78	35,351.67
			215,138,694.76				
Non-operating capital..........			2,705,782.70				
Grand Totals.................			217,844,477.46	1,205,747.9	7,780,692.51	4,318,044.49	9,604,992.45

Municipality as the Cost—under Power Commission Act—of Power supplied to rom each Municipality, and the amount remaining to be credited supplied to it in the year ended October 31, 1941

costs and fixed charges				Revenue received in excess of cost of power sold to private companies	Amount charged to each municipality in respect of power supplied to it in the year	Amount received from (or billed against) each municipality by the Commission	Amount remaining to be credited or charged to each municipality Credited (Charged)
Provision for renewals	Provision for contingencies and obsolescence	Provision for stabilization of rates	Provision for sinking fund	Credit			
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
486.19	272.05	412.80	537.79	69.92	6,528.01	7,017.31	489.30
445.06	276.92	434.00	524.93	73.52	6,779.04	7,702.63	923.59
367.69	154.25	191.60	351.78	32.46	4,449.43	5,267.85	818.42
232.06	105.25	147.80	233.25	25.04	2,811.32	3,693.33	882.01
2,457.20	2,309.78	4,808.00	3,887.80	814.43	51,245.52	50,483.32	(762.20)
1,682.63	1,043.87	1,661.60	1,994.75	281.46	25,110.69	27,831.54	2,720.85
2,327.81	1,534.41	2,658.80	2,896.67	450.37	35,427.09	37,886.95	2,459.86
379,648.82	337,712.22	672,693.00	602,115.27	113,947.70	7,563,848.15	7,601,430.69	37,582.54
4,236.84	2,942.88	5,031.80	5,330.80	852.33	65,142.30	69,186.56	4,044.26
674.44	465.24	766.40	832.39	129.82	10,442.41	10,155.69	(286.72)
306.69	196.94	302.40	356.91	51.22	4,516.43	4,157.30	(359.13)
5,353.64	3,377.16	5,508.20	6,455.17	933.04	78,805.30	86,755.43	7,950.13
119.87	56.25	76.80	121.75	13.01	1,614.03	2,207.07	593.04
308.88	225.02	407.60	408.00	69.04	5,284.33	5,603.62	319.29
801.41	547.97	922.60	1,002.75	156.28	12,321.47	12,687.04	365.57
6,161.57	4,963.36	9,344.00	8,762.29	1,582.78	110,015.97	112,127.40	2,111.43
996.16	521.74	748.40	1,065.14	126.77	13,290.65	17,028.00	3,737.35
7,174.03	9,029.71	21,162.80	14,354.12	3,584.78	200,083.59	206,337.17	6,253.58
292.96	156.77	237.60	318.48	40.25	3,887.62	5,226.11	1,338.49
467.48	258.01	392.40	514.94	66.47	6,649.72	7,162.15	512.43
5,375.25	4,397.44	8,475.40	8,016.54	1,435.65	99,989.06	97,466.52	(2,522.54)
643.80	280.97	370.80	638.46	62.81	7,276.37	8,342.29	1,065.92
73,723.17	52,604.62	89,330.60	96,687.05	15,131.75	1,145,355.51	1,161,297.58	15,942.07
1,115.98	747.72	1,283.40	1,425.94	217.40	17,136.79	19,570.54	2,433.75
10,273.41	8,061.06	14,770.60	14,225.81	2,502.00	178,726.94	180,939.44	2,212.50
238.92	108.19	145.00	238.60	24.56	2,944.58	3,441.38	496.80
20,390.44	15,649.90	28,552.40	28,608.54	4,836.50	356,740.91	364,043.31	7,302.40
426.50	180.19	239.00	413.16	40.48	4,784.79	6,074.01	1,289.22
426.70	318.00	577.60	572.70	97.84	7,225.77	7,797.85	572.08
557.72	444.79	851.60	790.34	144.25	10,055.03	12,467.18	2,412.15
1,087,776.28	899,300.53	1,728,253.00	1,601,204.86	(292,749.47)	20,165,141.57	20,480,731.25	376,770.84 (61,181.16)
102,514.64	65,154.56	106,994.20	123,164.05	(18,123.76)	1,511,636.36	1,511,636.36	....
312,785.58	4,333,020.48	....	480,563.02	279,884.12	10,742,012.07	10,742,012.07	....
9,441.62	5,638.55	....	8,155.30	30,989.11	148,906.12	148,906.12	....
1,512,518.12	5,303,114.12	1,835,247.20	2,213,087.23	....	32,567,696.12	32,883,285.80	376,770.84 (61,181.16)

NIAGARA

Statement showing the net Credit or Charge to each Municipality in respect of and adjustments made during the year. Also the net amount Credited ended October 31, 1941, and the accumulated amount standing

Municipality	Date commenced operating	Net credit or charge at October 31, 1940	
		Credit	Charge
		$ c.	$ c.
Acton	Jan. 1913	913.22	
Agincourt	Nov. 1922	1,115.20	
Ailsa Craig	Jan. 1916	505.98	
Alvinston	Apr. 1922	1,543.52	
Amherstburg	Nov. 1925	807.10	
Ancaster Township	May 1923	708.56	
Arkona	Dec. 1926	747.35	
Aylmer	Mar. 1918	1,792.59	
Ayr	Jan. 1915		41.15
Baden	May 1912	396.20	
Beachville	Aug. 1912	135.12	
Beamsville	May 1937	522.46	
Belle River	Dec. 1922	513.29	
Blenheim	Nov. 1915	2,337.46	
Blyth	July 1924	999.54	
Bolton	Feb. 1915	825.40	
Bothwell	Sept. 1915	1,165.03	
Brampton	Nov. 1911	6,130.76	
Brantford	Feb. 1914		6,686.19
Brantford Township	May 1924		80.36
Bridgeport	Mar. 1928	214.09	
Brigden	Jan. 1918	966.93	
Brussels	July 1924	962.22	
Burford	June 1915	512.25	
Burgessville	Nov. 1916	481.36	
Caledonia	Oct. 1912		97.20
Campbellville	Jan. 1925	86.13	
Cayuga	Nov. 1924	868.53	
Chatham	Feb. 1915	5,720.17	
Chippawa	Sept. 1919	510.81	
Clifford	May 1924	712.49	
Clinton	Mar. 1914	2,092.31	
Comber	May 1915	406.53	
Cottam	Nov. 1926	294.53	
Courtright	Dec. 1923	175.23	
Dashwood	Sept. 1917	595.44	
Delaware	Mar. 1915	277.62	
Delhi	May 1938	3,554.84	
Dorchester	Dec. 1914	412.55	
Drayton	Mar. 1918	770.68	
Dresden	April 1915	2,261.28	
Drumbo	Dec. 1914	330.03	
Dublin	Oct. 1917	335.54	
Dundas	Jan. 1911		522.22
Dunnville	June 1918	5,720.52	

power supplied to it to October 31, 1940, the cash receipts and payments thereon or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1941

Cash receipts and payments on account of such credits and charges, also adjustments made during the year		Net amount credited or charged in respect of power supplied in the year ended October 31, 1941		Accumulated amount standing as a credit or charge on October 31, 1941	
Credited	Charged	Credited	Charged	Credit	Charge
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
....	913.22	2,561.38	....	2,561.38	....
....	1,115.20	1,670.81	....	1,670.81	....
....	505.98	903.40	....	903.40	....
....	1,543.52	1,353.70	....	1,353.70	....
....	807.10	2,659.53	....	2,659.53	....
....	708.56	710.53	....	710.53	....
....	747.35	818.25	....	818.25	....
....	1,792.59	1,696.24	....	1,696.24	....
41.15	....	....	641.05	....	641.05
....	396.20	544.33	....	544.33	....
....	135.12	703.67	....	703.67	....
....	522.46	....	179.34	....	179.34
....	513.29	634.57	....	634.57	....
....	2,337.46	2,280.46	....	2,280.46	....
....	999.54	637.87	....	637.87	....
....	825.40	990.76	....	990.76	....
....	1,165.03	1,129.80	....	1,129.80	....
....	6,130.76	8,074.23	....	8,074.23	....
6,686.19	....	....	5,970.65	....	5,970.65
80.36	....	....	43.71	....	43.71
....	214.09	264.62	....	264.62	....
....	966.93	987.42	....	987.42	....
....	962.22	737.56	....	737.56	....
....	512.25	448.03	....	448.03	....
....	481.36	65.52	....	65.52	....
97.20	....	264.16	....	264.16	....
....	86.13	95.12	....	95.12	....
....	868.53	756.37	....	756.37	....
....	5,720.17	6,117.34	....	6,117.34	....
....	510.81	358.20	....	358.20	....
....	712.49	624.88	....	624.88	....
....	2,092.31	1,776.78	....	1,776.78	....
....	406.53	551.94	....	551.94	....
....	294.53	442.32	....	442.32	....
....	175.23	385.31	....	385.31	....
....	595.44	692.68	....	692.68	....
....	277.62	406.61	....	406.61	....
....	3,554.84	2,156.27	....	2,156.27	....
....	412.55	537.82	....	537.82	....
....	770.68	563.39	....	563.39	....
....	2,261.28	2,274.53	....	2,274.53	....
....	330.03	163.65	....	163.65	....
....	335.54	357.11	....	357.11	....
522.22	....	....	1.82	....	1.82
....	5,720.52	6,750.97	....	6,750.97	....

NIAGARA

Statement showing the net Credit or Charge to each Municipality in respect of and adjustments made during the year. Also the net amount Credited ended October 31, 1941, and the accumulated amount standing

Municipality	Date commenced operating	Net credit or charge at October 31, 1940	
		Credit	Charge
		$ c.	$ c.
Dutton	Sept. 1915	369.17	
East York township	July 1925	7,401.39	
Elmira	Nov. 1913	1,708.85	
Elora	Nov. 1914	782.36	
Embro	Jan. 1915	760.27	
Erieau	July 1924	956.82	
Erie Beach	July 1925	225.87	
Essex	Nov. 1923	900.66	
Etobicoke township	Aug. 1917		2,984.15
Exeter	June 1916	2,615.27	
Fergus	Nov. 1914	3,734.34	
Fonthill	June 1926	257.01	
Forest	Mar. 1917	2,021.11	
Forest Hill Village	Jan. 1938	8,401.35	
Galt	May 1911		63.58
Georgetown	Sept. 1913	4,007.26	
Glencoe	Aug. 1920	1,868.09	
Goderich	Feb. 1914	6,776.66	
Granton	July 1916	496.85	
Guelph	Dec. 1910		5,002.33
Hagersville	Sept. 1913		779.91
Hamilton	Feb. 1911		75,539.79
Harriston	July 1916	1,507.55	
Harrow	Nov. 1923	689.02	
Hensall	Jan. 1917	1,479.10	
Hespeler	Feb. 1911	1,331.34	
Highgate	Dec. 1916	446.00	
Humberstone	Oct. 1924	121.15	
Ingersoll	May 1911	1,376.96	
Jarvis	Feb. 1924	38.32	
Kingsville	Nov. 1923	1,422.71	
Kitchener	Jan. 1911	1,032.99	
Lambeth	April 1915	717.95	
LaSalle	Nov. 1925		99.58
Leamington	Nov. 1923	2,535.77	
Listowel	June 1916	2,579.35	
London	Jan. 1911		20,015.67
London township	Jan. 1925	1,207.16	
Long Branch	Jan. 1931	1,147.75	
Lucan	Feb. 1915	787.29	
Lynden	Nov. 1915	379.98	
Markham	April 1920	823.47	
Merlin	Dec. 1922	586.33	
Merritton	Nov. 1920		2,944.35
Milton	April 1913	3,904.90	

SYSTEM *N—CREDIT OR CHARGE*

power supplied to it to October 31, 1940, the cash receipts and payments thereon or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1941

Cash receipts and payments on account of such credits and charges, also adjustments made during the year		Net amount credited or charged in respect of power supplied in the year ended October 31, 1941		Accumulated amount standing as a credit or charge on October 31, 1941	
Credited	Charged	Credited	Charged	Credit	Charge
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
	369.17	641.61		641.61	
	7,401.39	12,861.12		12,861.12	
	1,708.85	2,163.64		2,163.64	
	782.36	884.93		884.93	
	760.27	716.47		716.47	
	956.82	277.47		277.47	
	225.87	37.90		37.90	
	900.66	1,417.42		1,417.42	
2,984.15			6,675.84		6,675.84
	2,615.27	2,897.18		2,897.18	
	3,734.34	3,752.31		3,752.31	
	257.01	385.25		385.25	
	2,021.11	2,300.81		2,300.81	
	8,401.35	14,863.55		14,863.55	
63.58		692.24		692.24	
	4,007.26	5,025.82		5,025.82	
	1,868.09	1,659.31		1,659.31	
	6,776.66	6,537.30		6,537.30	
	496.85	646.00		646.00	
5,002.33			3,228.51		3,228.51
779.91		506.62		506.62	
75,539.79		24,993.46		24,993.46	
	1,507.55	655.29		655.29	
	689.02	1,517.26		1,517.26	
	1,479.10	1,664.12		1,664.12	
	1,331.34	1,648.05		1,648.05	
	446.00	570.57		570.57	
	121.15	176.73		176.73	
	1,376.96	995.19		995.19	
	38.32	389.82		389.82	
	1,422.71	1,816.57		1,816.57	
	1,032.99	5,002.47		5,002.47	
	717.95	550.86		550.86	
99.58		313.75		313.75	
	2,535.77	2,994.79		2,994.79	
	2,579.35	3,677.72		3,677.72	
20,015.67			21,224.56		21,224.56
	1,207.16	1,384.44		1,384.44	
	1,147.75	978.47		978.47	
	787.29	876.50		876.50	
	379.98	414.05		414.05	
	823.47	1,246.55		1,246.55	
	586.33	643 10		643.10	
2,944.35			2,189.92		2,189.92
	3,904.90	5,958.97		5,958.97	

NIAGARA

Statement showing the net Credit or Charge to each Municipality in respect of and adjustments made during the year. Also the net amount Credited ended October 31, 1941, and the accumulated amount standing

Municipality	Date commenced operating	Net credit or charge at October 31, 1940	
		Credit	Charge
		$ c.	$ c.
Milverton	June 1916	740.61	
Mimico	May 1912		979.89
Mitchell	Sept. 1911	1,187.67	
Moorefield	Mar. 1918	374.28	
Mount Brydges	Mar. 1915	414.69	
Newbury	Mar. 1921	329.11	
New Hamburg	Mar. 1911	1,739.46	
New Toronto	Feb. 1914	5,848.30	
Niagara Falls	Dec. 1915		2,807.26
Niagara-on-the-Lake	Aug. 1919	1,493.86	
North York Township	Nov. 1923	5,061.01	
Norwich	May 1912	981.17	
Oil Springs	Feb. 1918	907.33	
Otterville	Feb. 1916	1,070.12	
Palmerston	July 1916	1,316.99	
Paris	Feb. 1914	253.98	
Parkhill	May 1920	1,424.91	
Petrolia	May 1916	4,471.59	
Plattsville	Dec. 1914	690.71	
Point Edward	Nov. 1916	3,600.26	
Port Colborne	Mar. 1920	719.36	
Port Credit	Aug. 1912	1,896.03	
Port Dalhousie	Nov. 1912	1,140.40	
Port Dover	Dec. 1921	997.78	
Port Rowan	Nov. 1926	580.75	
Port Stanley	April 1912	1,743.67	
Preston	Jan. 1911	1,096.42	
Princeton	Jan. 1915	155.92	
Queenston	Mar. 1921	426.45	
Richmond Hill	June 1925	908.96	
Ridgetown	Dec. 1915	1,667.99	
Riverside	Nov. 1922		475.06
Rockwood	Sept. 1913	427.12	
Rodney	Feb. 1917	936.84	
St. Catharines	April 1914		8,005.35
St. Clair Beach	Nov. 1922		365.32
St. George	Sept. 1915	90.50	
St. Jacobs	Sept. 1917	699.03	
St. Marys	May 1911	1,665.99	
St. Thomas	April 1911		4,781.00
Sarnia	Dec. 1916	6,682.24	
Scarborough township	Aug. 1918	7,523.68	
Seaforth	Nov. 1911	965.63	
Simcoe	Aug. 1915	122.56	
Smithville	Nov. 1940		

SYSTEM *N—CREDIT OR CHARGE*

power supplied to it to October 31, 1940, the cash receipts and payments thereon or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1941

Cash receipts and payments on account of such credits and charges, also adjustments made during the year		Net amount credited or charged in respect of power supplied in the year ended October 31, 1941		Accumulated amount standing as a credit or charge on October 31, 1941	
Credited	Charged	Credited	Charged	Credit	Charge
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
	740.61	858.92		858.92	
979.89			1,936.65		1,936.65
	1,187.67	1,177.20		1,177.20	
	374.28	361.02		361.02	
	414.69	600.64		600.64	
	329.11	279.72		279.72	
	1,739.46	1,742.10		1,742.10	
	5,848.30	1,229.82		1,229.82	
2,807.26			7,377.96		7,377.96
	1,493.86	878.26		878.26	
	5,061.01	11,088.94		11,088.94	
	981.17	906.97		906.97	
	907.33	776.35		776.35	
	1,070.12	727.81		727.81	
	1,316.99	1,333.80		1,333.80	
	253.98	560.23		560.23	
	1,424.91	2,071.98		2,071.98	
	4,471.59	5,531.56		5,531.56	
	690.71	651.23		651.23	
	3,600.26	4,038.47		4,038.47	
	719.36	1,057.86		1,057.86	
	1,896.03	2,554.33		2,554.33	
	1,140.40	1,328.44		1,328.44	
	997.78	652.98		652.98	
	580.75	188.83		188.83	
	1,743.67	2,162.37		2,162.37	
	1,096.42	1,315.53		1,315.53	
	155.92	93.64		93.64	
	426.45	452.57		452.57	
	908.96	1,466.94		1,466.94	
	1,667.99	2,043.89		2,043.89	
475.06		1,171.53		1,171.53	
	427.12	553.73		553.73	
	936.84	756.55		756.55	
8,005.35		2,101.89		2,101.89	
365.32		111.61		111.61	
	90.50	112.11		112.11	
	699.03	945.79		945.79	
	1,665.99	2,499.56		2,499.56	
3,595.00			6,599.12		7,785.12
	6,682.24	7,260.37		7,260.37	
	7,523.68	8,484.92		8,484.92	
	965.63	527.05		527.05	
	122.56		459.79		459.79
		387.20		387.20	

NIAGARA

Statement showing the net Credit or Charge to each Municipality in respect of and adjustments made during the year. Also the net amount Credited ended October 31, 1941, and the accumulated amount standing

Municipality	Date commenced operating	Net credit or charge at October 31, 1940	
		Credit	Charge
		$ c.	$ c.
Springfield	Aug. 1917	331.52	
Stamford Township	Nov. 1916		3.70
Stouffville	Sept. 1923	1,833.17	
Stratford	Jan. 1911	2,573.31	
Strathroy	Dec. 1914	2,291.95	
Streetsville	Dec. 1934	944.14	
Sutton	Aug. 1923	1,311.01	
Swansea	Oct. 1937	8,812.69	
Tavistock	Nov. 1916	1,563.55	
Tecumseh	Nov. 1922		137.72
Thamesford	Feb. 1914	459.53	
Thamesville	Oct. 1915	995.68	
Thedford	May 1922	772.89	
Thorndale	Mar. 1914	711.60	
Thorold	Jan. 1921		839.98
Tilbury	April 1915	1,631.81	
Tillsonburg	Aug. 1911	2,838.79	
Toronto	June 1911	69,355.77	
Toronto Township	Aug. 1913	1,709.80	
Trafalgar Township Area No. 1	Nov. 1936		182.46
Trafalgar Township Area No. 2	Nov. 1936		228.45
Wallaceburg	Feb. 1915	6,850.05	
Wardsville	June 1921	565.67	
Waterdown	Nov. 1911	322.45	
Waterford	April 1915	460.76	
Waterloo	Dec. 1910	866.49	
Watford	Sept. 1917	3,286.67	
Welland	Sept. 1917	4,733.11	
Wellesley	Nov. 1916	1,339.46	
West Lorne	Jan. 1917	306.99	
Weston	Aug. 1911		4,191.31
Wheatley	Feb. 1924	1,187.32	
Windsor	Oct. 1914	24,669.36	
Woodbridge	Dec. 1914	1,874.00	
Woodstock	Jan. 1911	2,524.92	
Wyoming	Nov. 1916	303.45	
York Township	Jan. 1941		
Zurich	Sept. 1917	1,386.77	
Ontario Reformatory	Sept. 1913	490.83	
Toronto Transportation Commission	Jan. 1927	2,562.26	
Totals—Municipalities		331,040.42	137,853.98
Totals—Rural power districts		1,901,831.84	446,120.62
Grand totals		2,232,872.26	583,974.60

SYSTEM *N—CREDIT OR CHARGE*

power supplied to it to October 31, 1940, the cash receipts and payments thereon or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1941

Cash receipts and payments on account of such credits and charges, also adjustments made during the year		Net amount credited or charged in respect of power supplied in the year ended October 31, 1941		Accumulated amount standing as a credit or charge on October 31, 1941	
Credited	Charged	Credited	Charged	Credit	Charge
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
....	331.52	527.58	....	527.58	....
3.70	....	....	721.65	....	721.65
....	1,833.17	1,903.39	....	1,903.39	....
....	2,573.31	4,544.70	....	4,544.70	....
....	2,291.95	3,168.40	....	3,168.40	....
....	944.14	1,108.52	....	1,108.52	....
....	1,311.01	1,601.83	....	1,601.83	....
....	8,812.69	9,841.43	....	9,841.43	....
....	1,563.55	2,043.98	....	2,043.98	....
137.72	....	273.46	....	273.46	....
....	459.53	489.30	....	489.30	....
....	995.68	923.59	....	923.59	....
....	772.89	818.42	....	818.42	....
....	711.60	882.01	....	882.01	....
839.98	....	....	762.20	....	762.20
....	1,631.81	2,720.85	....	2,720.85	....
....	2,838.79	2,459.86	....	2,459.86	....
....	69,355.77	37,582.54	....	37,582.54	....
....	1,709.80	4,044.26	....	4,044.26	....
182.46	....	....	286.72	....	286.72
228.45	....	....	359.13	....	359.13
....	6,850.05	7,950.13	....	7,950.13	....
....	565.67	593.04	....	593.04	....
....	322.45	319.29	....	319.29	....
....	460.76	365.57	....	365.57	....
....	866.49	2,111.43	....	2,111.43	....
....	3,286.67	3,737.35	....	3,737.35	....
....	4,733.11	6,253.58	....	6,253.58	....
....	1,339.46	1,338.49	....	1,338.49	....
....	306.99	512.43	....	512.43	....
4,191.31	....	....	2,522.54	....	2,522.54
....	1,187.32	1,065.92	....	1,065.92	....
....	24,669.36	15,942.07	....	15,942.07	....
....	1,874.00	2,433.75	....	2,433.75	....
....	2,524.92	2,212.50	....	2,212.50	....
....	303.45	496.80	....	496.80	....
....	....	7,302.40	....	7,302.40	....
....	1,386.77	1,289.22	....	1,289.22	....
....	490.83	572.08	....	572.08	....
....	2,562.26	2,412.15	....	2,412.15	....
136,667.98	331,040.42	376,770.84	61,181.16	376,770.84	62,367.16
76,129.40	18,302.66	305,568.26	73,446.89	2,256,908.09	511,248.76
212,797.38	349,343.08	682,339.10	134,628.05	2,633,678.93	573,615.92

Sinking Fund

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder, as part of the cost of power delivered thereto, together with the proportionate share of other sinking funds provided out of other revenues of the system, and interest allowed thereon to October 31, 1941

Municipality	Period of years ended Oct. 31, 1941	Amount	Municipality	Period of years ended Oct. 31, 1941	Amount
		$ c.			$ c.
Acton	24 years	77,616.00	Dutton	21 years	22,004.04
Agincourt	17 “	12,625.37	East York Twp.	17 “	313,011.37
Ailsa Craig	21 “	16,947.83	Elmira	23 “	85,004.90
Alvinston	18 “	17,020.63	Elora	22 “	41,009.03
Amherstburg	24 “	60,739.45	Embro	22 “	12,442.80
Ancaster Township	18 “	19,440.61	Erieau	18 “	7,386.20
Arkona	15 “	6,951.65	Erie Beach	17 “	1,842.30
Aylmer	18 “	48,369.06	Essex	18 “	35,333.19
Ayr	22 “	16,804.67	Etobicoke Twp.	19 “	251,540.22
Baden	24 “	35,318.32	Exeter	20 “	46,862.48
Beachville	24 “	45,658.83	Fergus	22 “	70,847.37
Beamsville	5 “	5,412.16	Fonthill	16 “	7,259.67
Belle River	19 “	11,755.99	Forest	19 “	37,501.36
Blenheim	21 “	42,293.16	Forest Hill Village	18 “	199,995.60
Blyth	18 “	11,033.11	Galt	25 “	608,515.67
Bolton	21 “	19,467.28	Georgetown	23 “	116,147.42
Bothwell	21 “	19,153.31	Glencoe	18 “	22,762.97
Brampton	25 “	192,114.68	Goderich	22 “	137,160.81
Brantford	22 “	1,016,437.09	Granton	20 “	8,918.99
Brantford Township	17 “	39,141.30	Guelph	25 “	739,326.60
Bridgeport	14 “	7,131.06	Hagersville	23 “	84,636.25
Brigden	19 “	13,109.35	Hamilton	25 “	5,430,304.98
Brussels	18 “	14,626.36	Harriston	20 “	37,609.57
Burford	21 “	15,316.07	Harrow	18 “	28,469.43
Burgessville	20 “	5,919.94	Hensall	20 “	18,464.63
Caledonia	24 “	25,532.74	Hespeler	25 “	129,825.43
Campbellville	17 “	2,942.52	Highgate	20 “	10,690.32
Cayuga	17 “	10,982.11	Humberstone	18 “	23,898.50
Chatham	21 “	445,007.72	Ingersoll	25 “	204,850.17
Chippawa	19 “	19,166.17	Jarvis	18 “	16,834.54
Clifford	18 “	8,046.19	Kingsville	18 “	45,913.75
Clinton	22 “	52,086.50	Kitchener	25 “	1,455,457.02
Comber	21 “	20,473.57	Lambeth	21 “	10,848.28
Cottam	15 “	5,001.06	LaSalle	16 “	15,744.77
Courtright	18 “	6,367.71	Leamington	18 “	98,474.32
Dashwood	19 “	9,411.47	Listowel	20 “	86,732.10
Delaware	21 “	3,733.11	London	25 “	2,719,372.84
Delhi	4 “	5,768.25	London Township	17 “	23,386.09
Dorchester	22 “	8,515.27	Long Branch	11 “	30,331.44
Drayton	18 “	14,038.82	Lucan	21 “	20,278.92
Dresden	21 “	35,673.33	Lynden	21 “	14,391.34
Drumbo	22 “	7,406.37	Markham	18 “	21,575.05
Dublin	19 “	6,296.24	Merlin	18 “	12,820.04
Dundas	25 “	155,913.24	Merritton	20 “	179,722.80
Dunnville	18 “	69,577.24	Milton	23 “	110,785.81

Sinking Fund

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder, as part of the cost of power delivered thereto, together with the proportionate share of other sinking funds provided out of other revenues of the system, and interest allowed thereon to October 31, 1941

Municipality	Period of years ended Oct. 31, 1941	Amount	Municipality	Period of years ended Oct. 31, 1941	Amount
		$ c.			$ c.
Milverton	20 years	46,552.97	Springfield	19 years	9,922.74
Mimico	24 "	156,792.27	Stamford Township	20 "	107,222.49
Mitchell	25 "	49,061.69	Stouffville	18 "	18,438.01
Moorefield	18 "	6,768.56	Stratford	25 "	649,469.98
Mount Brydges	21 "	8,472.84	Strathroy	22 "	96,725.05
Newbury	18 "	4,920.17	Streetsville	7 "	3,051.09
New Hamburg	25 "	53,992.73	Sutton	18 "	18,203.19
New Toronto	22 "	502,521.76	Swansea	16 "	91,929.35
Niagara Falls	21 "	623,841.04	Tavistock	20 "	49,431.52
Niagara-on-the-Lake	18 "	34,777.21	Tecumseh	19 "	28,478.38
North York Twp.	18 "	173,997.74	Thamesford	22 "	18,616.75
Norwich	24 "	40,038.40	Thamesville	21 "	19,067.52
Oil Springs	18 "	26,997.21	Thedford	18 "	10,393.67
Otterville	20 "	9,766.69	Thorndale	22 "	9,226.26
Palmerston	20 "	47,341.57	Thorold	19 "	111,483.53
Paris	22 "	123,501.71	Tilbury	21 "	51,257.68
Parkhill	18 "	20,989.19	Tillsonburg	25 "	96,353.31
Petrolia	20 "	111,222.25	Toronto	25 "	20,521,051.81
Plattsville	22 "	10,007.54	Toronto Twp.	23 "	124,410.47
Point Edward	19 "	67,306.18	TrafalgarTwp., Area 1	5 "	6,076.34
Port Colborne	20 "	103,115.79	TrafalgarTwp., Area 2	5 "	2,025.48
Port Credit	24 "	44,998.73	Wallaceburg	21 "	204,765.39
Port Dalhousie	20 "	40,025.07	Wardsville	18 "	4,002.18
Port Dover	18 "	28,807.26	Waterdown	25 "	24,228.19
Port Rowan	15 "	7,550.45	Waterford	21 "	35,018.97
Port Stanley	24 "	44,561.11	Waterloo	25 "	286,368.44
Preston	25 "	282,550.94	Watford	19 "	25,887.61
Princeton	22 "	10,333.11	Welland	19 "	323,842.17
Queenston	18 "	7,606.68	Wellesley	20 "	17,522.43
Richmond Hill	17 "	22,052.57	West Lorne	20 "	26,930.89
Ridgetown	21 "	46,678.29	Weston	25 "	258,313.60
Riverside	19 "	89,398.99	Wheatley	18 "	14,958.78
Rockwood	23 "	12,254.05	Windsor	22 "	3,302,638.91
Rodney	19 "	14,884.45	Woodbridge	22 "	34,337.80
St. Catharines	20 "	674,904.86	Woodstock	25 "	438,501.29
St. Clair Beach	19 "	7,460.16	Wyoming	20 "	8,933.01
St. George	21 "	15,344.70	York Township	21 "	778,345.53
St. Jacobs	19 "	17,990.93	Zurich	19 "	14,297.53
St. Marys	25 "	144,079.01	Ontario Reformatory	7 "	6,323.37
St. Thomas	25 "	540,533.53	Toronto Trans. Com.	20 "	187,839.92
Sarnia	20 "	682,950.62	Sandwich, Windsor & Amherstburg Railway	19 "	189,985.23
Scarborough Towp.	18 "	208,189.36			
Seaforth	25 "	66,210.21	Total—Municipalities		$49,860,687.30
Simcoe	21 "	119,329.84	Total—Rural power districts		3,338,700.92
Smithville	1 "	496.72			
			Grand total		$53,199,388.22

Rural Power Districts

Operating Account for Year Ended October 31, 1941

Revenue from customers in rural power districts		$3,440,369.44
Cost of power as provided to be paid under Power Commission Act	$1,511,636.36	
Cost of operation, maintenance and administration	812,894.86	
Interest	530,712.66	
Provision for renewals	230,573.90	
Provision for sinking fund	122,430.29	
		3,208,248.07
Balance		$ 232,121.37

NIAGARA SYSTEM—RURAL LINES

Statement showing Interest, Renewals, Contingencies and Obsolescence and Sinking Fund charged by the Commission to the Municipalities which operate the respective rural lines for the year ended October 31, 1941

Operated by	Capital cost	Interest	Provision for renewals	Provision for contingencies and obsolescence	Provision for sinking fund	Total interest, renewals, obsolescence, contingencies and sinking fund charged
	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Milton.........	440.82	21.86	8.82	4.41	7.93	43.02
Welland........	19,617.60	823.94	392.35	196.18	353.12	1,765.59
Totals......	20,058.42	845.80	401.17	200.59	361.05	1,808.61

NIAGARA SYSTEM—RURAL LINES

Statement showing the total Sinking Fund in respect of each line, together with interest allowed thereon to October 31, 1941

Operated by	Period of years ended October 31, 1941	Amount
		$ c.
Milton..	28 years	373.42
Welland..	29 years	17,779.02
Total..	....	18,152.44

GEORGIAN BAY

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power

Municipality	Interim rates per horsepower collected by Commission during year		Share of capital cost of system	Average horse-power supplied in year after correction for power factor	Share of operating		
	To Dec. 31, 1940	From Jan. 1, 1941			Cost of power purchased	Operating, maintenance and administrative expenses	Interest
	$ c.	$ c.	$ c.		$ c.	$ c.	$ c.
Alliston	48.00	48.00	116,335.70	360.9	844.25	4,489.70	4,849.13
Arthur	63.00	63.00	62,639.59	160.0	374.29	3,552.57	2,713.94
Barrie	32.50	32.50	775,727.39	3,684.6	8,619.32	33,314.22	33,606.63
Beaverton	40.00	40.00	62,040.12	249.6	583.89	2,867.67	2,705.88
Beeton	60.00	62.00	50,163.11	120.6	282.12	2,050.11	2,173.90
Bradford	50.00	50.00	65,036.64	203.4	475.81	3,100.37	2,815.92
Brechin	48.50	48.50	17,331.54	57.2	133.81	762.08	751.15
Cannington	40.50	40.50	46,268.96	181.6	424.81	2,210.66	2,003.58
Chatsworth	41.00	41.00	20,548.58	77.5	181.29	890.83	880.95
Chesley	35.50	35.50	137,377.23	569.4	1,331.99	5,782.69	5,961.39
Coldwater	35.00	35.00	33,460.14	123.3	288.43	1,302.24	1,457.63
Collingwood	37.00	37.00	471,809.15	2,083.6	4,874.13	19,728.36	20,367.09
Cookstown	45.00	45.00	22,767.13	77.1	180.36	1,040.22	983.39
Creemore	48.00	48.00	42,426.40	146.5	342.71	1,937.51	1,825.26
Dundalk	37.00	37.00	56,622.66	238.4	557.69	2,736.25	2,438.09
Durham	39.00	39.00	97,620.17	396.5	927.53	5,059.79	4,376.39
Elmvale	39.50	39.50	39,192.22	166.5	389.49	2,264.99	1,695.98
Elmwood	42.50	42.50	17,796.41	70.2	164.22	913.41	769.76
Flesherton	45.00	45.00	17,880.50	65.9	154.16	1,067.57	774.82
Grand Valley	53.00	53.00	39,469.23	118.5	277.21	1,981.76	1,685.84
Gravenhurst	25.00	25.00	187,483.65	1,092.2	....	8,042.22	8,140.18
Hanover	32.00	32.00	272,223.37	1,252.2	2,929.25	11,150.45	11,820.52
Holstein	80.00	80.00	9,091.14	20.1	47.02	789.96	394.20
Huntsville	28.00	28.00	251,995.41	1,196.1	....	9,835.32	10,974.39
Kincardine	45.00	45.00	198,417.19	693.5	1,622.29	7,989.13	8,614.76
Kirkfield	56.00	56.00	10,348.55	25.4	59.42	369.43	449.92
Lucknow	51.00	51.00	90,631.57	282.3	660.38	3,963.95	3,943.59
Markdale	37.00	37.00	43,191.17	185.8	434.64	2,030.35	1,871.29
Meaford	40.00	40.00	165,087.36	651.1	1,523.11	6,829.95	7,139.46
Midland	31.50	31.50	759,671.37	3,637.8	8,509.84	32,882.96	32,959.61
Mildmay	45.00	45.00	37,960.64	135.7	317.44	1,562.20	1,640.21
Mount Forest	44.00	44.00	152,678.19	525.8	1,230.00	7,889.78	6,570.61
Neustadt	55.00	55.00	11,814.50	42.1	98.48	626.88	505.58
Orangeville	44.00	44.00	194,026.20	675.1	1,579.25	8,795.25	8,404.04
Owen Sound	32.00	32.00	1,026,021.23	4,757.8	11,129.84	43,257.51	44,584.95

SYSTEM *G.B.—COST OF POWER*

Municipality as the Cost—under Power Commission Act—of Power supplied to from each Municipality, and the amount remaining to be credited supplied to it in the year ended October 31, 1941

costs and fixed charges				Cost in excess of revenue from power sold to private companies	Amount charged to each municipality in respect of power supplied to it in the year	Amount received from (or billed against) each municipality by the Commission	Amount remaining to be credited or charged to each municipality Credited (Charged)
Provision for renewals	Provision for contingencies and obsolescence	Provision for stabilization of rates	Provision for sinking fund				
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
1,599.12	938.65	1,443.60	1,176.10	9.50	15,350.05	17,322.00	1,971.95
968.31	460.39	640.00	657.96	4.21	9,371.67	10,082.65	710.98
8,963.12	8,558.45	14,738.40	8,130.72	96.98	116,027.84	119,749.51	3,721.67
806.31	616.07	998.40	655.63	6.57	9,240.42	9,982.66	742.24
783.61	349.90	482.40	524.24	3.17	6,649.45	7,426.90	777.45
939.08	537.87	813.60	682.75	5.35	9,370.75	10,170.41	799.66
244.93	150.74	228.80	181.92	1.51	2,454.94	2,775.81	320.87
602.47	451.52	726.40	485.34	4.78	6,909.56	7,355.16	445.60
269.54	200.62	310.00	213.67	2.04	2,948.94	3,179.21	230.27
1,735.12	1,401.63	2,277.60	1,440.76	14.99	19,946.17	20,212.83	266.66
449.97	321.13	493.20	351.08	3.25	4,666.93	4,315.79	(351.14)
5,730.18	4,956.36	8,334.40	4,946.18	54.84	68,991.54	77,093.19	8,101.65
317.54	203.46	308.40	238.57	2.03	3,273.97	3,469.52	195.55
587.16	377.26	586.00	444.79	3.86	6,104.55	7,033.60	929.05
701.71	579.98	953.60	590.19	6.28	8,563.79	8,822.26	258.47
1,311.29	984.77	1,586.00	1,057.52	10.44	15,313.73	15,461.90	148.17
487.81	406.03	666.00	410.99	4.38	6,325.67	6,574.79	249.12
231.11	179.03	280.80	186.68	1.85	2,726.86	2,983.51	256.65
240.44	165.96	263.60	187.61	1.73	2,855.89	2,963.65	107.76
578.69	323.68	474.00	414.40	3.12	5,738.70	6,281.83	543.13
1,810.68	2,392.96	4,368.80	1,964.61	28.75	26,748.20	27,304.80	556.60
3,217.99	2,983.15	5,008.80	2,853.70	32.96	39,996.82	40,070.33	73.51
145.98	59.45	80.40	95.47	0.53	1,613.01	1,606.68	(6.33)
2,916.46	2,741.51	4,784.40	2,643.01	31.48	33,926.57	33,490.80	(435.77)
2,757.76	1,765.01	2,774.00	2,094.09	18.25	27,635.29	31,208.80	3,573.51
161.81	73.44	101.60	108.71	0.67	1,325.00	1,423.34	98.34
1,319.44	749.44	1,129.20	956.07	7.43	12,729.50	14,399.02	1,669.52
533.46	444.61	743.20	452.90	4.89	6,515.34	6,873.68	358.34
2,144.06	1,605.98	2,604.40	1,731.71	17.14	23,595.81	26,044.27	2,448.46
8,725.23	8,369.59	14,551.20	7,962.14	95.75	114,056.32	114,589.20	532.88
518.40	349.29	542.80	398.58	3.57	5,332.49	6,104.28	771.79
2,102.87	1,347.56	2,103.20	1,594.01	13.84	22,851.87	23,134.11	282.24
161.43	106.95	168.40	123.97	1.11	1,792.80	2,317.81	525.01
2,677.06	1,722.40	2,700.40	2,034.56	17.77	27,930.73	29,705.12	1,774.39
12,060.79	11,141.90	19,031.20	10,755.34	125.24	152,086.77	152,249.59	162.82

GEORGIAN BAY

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power

Municipality	Interim rates per horsepower collected by Commission during year		Share of capital cost of system	Average horsepower supplied in year after correction for power factor	Share of operating		
	To Dec. 31, 1940	From Jan. 1, 1941			Cost of power purchased	Operating, maintenance and administrative expenses	Interest
	$ c.	$ c.	$ c.		$ c.	$ c.	$ c.
Paisley	50.00	50.00	44,461.09	140.2	327.97	1,819.41	1,920.93
Penetanguishene	36.50	36.50	210,901.05	912.7	2,135.06	9,119.21	9,068.67
Port Elgin	39.00	39.00	129,684.14	478.5	1,119.35	5,511.30	5,633.78
Port McNicoll	37.00	37.00	22,341.57	88.1	206.09	966.94	970.82
Port Perry	46.50	46.50	86,705.68	290.2	678.86	3,982.58	3,749.61
Priceville	50.00	57.00	3,286.52	10.0	23.39	134.24	144.18
Ripley	65.00	65.00	35,447.27	90.0	210.54	1,626.19	1,533.28
Rosseau	80.00	80.00	26,172.68	44.2	....	1,036.97	1,137.29
Shelburne	42.00	42.00	67,952.57	251.1	587.39	3,433.10	2,947.59
Southampton	39.00	39.00	125,181.83	485.7	1,136.19	5,427.55	5,433.62
Stayner	38.00	38.00	70,085.95	281.3	658.04	3,114.45	3,037.87
Sunderland	54.00	54.00	25,990.60	79.3	185.51	1,270.78	1,119.57
Tara	42.00	42.00	30,358.08	108.3	253.34	1,439.19	1,315.09
Teeswater	50.00	50.00	47,006.69	149.5	349.72	2,053.48	2,038.25
Thornton	60.00	60.00	10,395.17	27.4	64.10	426.06	445.32
Tottenham	70.00	70.00	37,569.02	79.4	185.74	1,493.85	1,628.54
Uxbridge	48.50	48.50	104,652.30	341.1	797.93	4,264.55	4,519.66
Victoria Harbour	38.00	38.00	20,217.74	82.1	192.06	953.32	875.75
Walkerton	34.00	34.00	195,223.57	896.1	2,096.23	8,282.19	8,463.19
Waubaushene	38.00	38.00	23,135.65	99.1	231.82	1,058.84	1,001.00
Wiarton	54.00	54.00	110,685.07	326.4	763.54	4,375.50	4,784.73
Windermere	55.00	55.00	15,238.67	44.3	....	688.49	653.75
Wingham	50.00	50.00	181,770.36	595.0	1,391.87	6,986.15	7,896.88
Woodville	54.00	54.00	25,698.26	77.6	181.53	1,099.84	1,106.03
Totals—Municipalities			7,253,315.94	30,301.9	65,324.74	313,632.52	314,275.43
Totals—Rural power districts			1,915,903.28	7,414.3	18,934.52	74,985.56	82,747.14
Totals—Companies			1,528,275.49	1,375.6	66,030.88	13,914.35	18,755.31
Totals—Local distribution systems			253,953.19	535.9	1,253.63	13,925.65	10,749.90
			10,951,447.90				
Non-operating capital			126,514.29				
Grand totals			11,077,962.19	39,627.7	151,543.77	416,458.08	426,527.78

SYSTEM *G.B.—COST OF POWER*

Municipality as the Cost—under Power Commission Act—of Power supplied to from each Municipality, and the amount remaining to be credited supplied to it in the year ended October 31, 1941

costs and fixed charges				Cost in excess of revenue from power sold to private companies	Amount charged to each municipality in respect of power supplied to it in the year	Amount received from (or billed against) each municipality by the Commission	Amount remaining to be credited or charged to each municipality Credited (Charged)
Provision for renewals	Provision for contingencies and obsolescence	Provision for stabilization of rates	Provision for sinking fund				
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
639.94	373.64	560.80	466.74	3.69	6,113.12	7,007.50	894.38
2,571.74	2,172.05	3,650.80	2,199.11	24.02	30,940.66	33,312.11	2,371.45
1,742.88	1,199.74	1,914.00	1,360.68	12.60	18,494.33	18,661.85	167.52
290.19	223.29	352.40	234.36	2.32	3,246.41	3,260.95	14.54
1,218.24	743.71	1,160.80	910.10	7.64	12,451.54	13,494.30	1,042.76
47.95	29.06	40.00	34.50	0.26	453.58	558.33	104.75
551.72	255.32	360.00	373.81	2.37	4,913.23	5,851.09	937.86
445.00	147.32	176.80	275.21	1.16	3,219.75	3,535.99	316.24
912.58	639.83	1,004.40	712.97	6.61	10,244.47	10,546.38	301.91
1,640.04	1,198.33	1,942.80	1,313.20	12.78	18,104.51	18,940.69	836.18
901.56	704.83	1,125.20	735.13	7.40	10,284.48	10,688.45	403.97
378.82	211.63	317.20	272.87	2.09	3,758.47	4,283.10	524.63
414.60	284.43	433.20	318.56	2.85	4,461.26	4,547.55	86.29
676.70	412.30	598.00	494.70	3.94	6,627.09	7,476.67	849.58
159.19	80.31	109.60	109.18	0.72	1,394.48	1,641.50	247.02
606.77	243.54	317.60	392.98	2.09	4,871.11	5,558.00	686.89
1,486.69	884.76	1,364.40	1,098.57	8.98	14,425.54	16,544.56	2,119.02
257.35	202.13	328.40	211.51	2.16	3,022.68	3,119.16	96.48
2,314.21	2,120.68	3,584.40	2,048.15	23.59	28,932.64	30,468.83	1,536.19
286.51	244.56	396.40	242.60	2.61	3,464.34	3,767.37	303.03
1,633.36	882.60	1,305.60	1,162.18	8.59	14,916.10	17,625.15	2,709.05
226.12	120.17	177.20	160.07	1.17	2,026.97	2,434.67	407.70
2,603.90	1,555.68	2,380.00	1,921.87	15.66	24,752.01	29,749.99	4,997.98
375.98	207.75	310.40	269.80	2.04	3,553.37	4,188.15	634.78
91,182.97	73,154.40	121,207.60	76,064.82	797.60	1,055,640.08	1,111,041.35	56,194.51 (793.24)
25,255.23	18,455.16	29,657.20	19,987.76	195.17	270,217.74	270,217.74	....
5,114.47	128,247.54	....	4,530.37	(860.17)	235,732.75	235,732.75	....
3,989.51	2,370.44	....	2,596.66	(132.60)	34,753.19	34,753.19	....
125,542.18	222,227.54	150,864.80	103,179.61	....	1,596,343.76	1,651,745.03	56,194.51 (793.24)

GEORGIAN BAY

Statement showing the net Credit or Charge to each Municipality in respect of and adjustments made during the year. Also the net amount Credited ended October 31, 1941, and the accumulated amount standing

Municipality	Date commenced operating	Net credit or charge at October 31, 1940	
		Credit	Charge
		$ c.	$ c.
Alliston	June 1918	1,195.62	
Arthur	Dec. 1916	600.21	
Barrie	April 1913	3,243.05	
Beaverton	Nov. 1914	501.63	
Beeton	Aug. 1918		199.03
Bradford	Oct. 1918	532.43	
Brechin	Jan. 1915	108.21	
Cannington	Nov. 1914	353.33	
Chatsworth	Dec. 1915	164.98	
Chesley	July 1916	190.10	
Coldwater	Mar. 1913		212.79
Collingwood	Mar. 1913	5,493.47	
Cookstown	May 1918	212.65	
Creemore	Nov. 1914	774.89	
Dundalk	Dec. 1915	274.95	
Durham	Dec. 1915	96.23	
Elmvale	June 1913	340.55	
Elmwood	April 1918	154.03	
Flesherton	Dec. 1915	89.67	
Grand Valley	Dec. 1916	1,403.29	
Gravenhurst	Nov. 1915		1,699.79
Hanover	Sept. 1916		370.74
Holstein	May 1916	53.63	
Huntsville	Sept. 1916		2,513.13
Kincardine	Mar. 1921	3,153.47	
Kirkfield	June 1920	6.22	
Lucknow	Jan. 1921	867.35	
Markdale	Mar. 1916	220.31	
Meaford	Jan. 1924	1,790.35	
Midland	July 1911	138.30	
Mildmay	Dec. 1932	509.11	
Mount Forest	Dec. 1915	1,673.09	
Neustadt	Dec. 1918	370.15	
Orangeville	July 1916	1,137.30	
Owen Sound	Dec. 1915		1,475.77

SYSTEM *G.B.—CREDIT OR CHARGE*

power supplied to it to October 31, 1940, the cash receipts and payments thereon or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1941

Cash receipts and payments on account of such credits and charges, also adjustments made during the year		Net amount credited or charged in respect of power supplied in the year ended October 31, 1941		Accumulated amount standing as a credit or charge on October 31, 1941	
Credited	Charged	Credited	Charged	Credit	Charge
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
	1,195.62	1,971.95		1,971.95	
	600.21	710.98		710.98	
	3,243.05	3,721.67		3,721.67	
	501.63	742.24		742.24	
199.03		777.45		777.45	
	532.43	799.66		799.66	
	108.21	320.87		320.87	
	353.33	445.60		445.60	
	164.98	230.27		230.27	
	190.10	266.66		266.66	
212.79			351.14		351.14
	5,493.47	8,101.65		8,101.65	
	212.65	195.55		195.55	
	774.89	929.05		929.05	
	274.95	258.47		258.47	
	96.23	148.17		148.17	
	340.55	249.12		249.12	
	154.03	256.65		256.65	
	89.67	107.76		107.76	
	1,403.29	543.13		543.13	
1,699.79		556.60		556.60	
370.74		73.51		73.51	
	53.63		6.33		6.33
2,513.13			435.77		435.77
	3,153.47	3,573.51		3,573.51	
	6.22	98.34		98.34	
	867.35	1,669.52		1,669.52	
	220.31	358.34		358.34	
	1,790.35	2,448.46		2,448.46	
	138.30	532.88		532.88	
	509.11	771.79		771.79	
	1,673.09	282.24		282.24	
	370.15	525.01		525.01	
	1,137.30	1,774.39		1,774.39	
		162.82			1,312.95

GEORGIAN BAY

Statement showing the net Credit or Charge to each Municipality in respect of and adjustments made during the year. Also the net amount Credited ended October 31, 1941, and the accumulated amount standing

Municipality	Date commenced operating	Net credit or charge at October 31, 1940	
		Credit	Charge
		$ c.	$ c.
Paisley	Sept. 1923	627.59	
Penetanguishene	July 1911	2,138.58	
Port Elgin	Mar. 1931		39.92
Port McNicoll	Jan. 1915		32.92
Port Perry	Sept. 1922	1,074.14	
Priceville	Mar. 1920		68.11
Ripley	Jan. 1921	686.73	
Rosseau	July 1931	105.24	
Shelburne	July 1916	249.84	
Southampton	Feb. 1931	145.41	
Stayner	Oct. 1913	328.74	
Sunderland	Nov. 1914	570.86	
Tara	Feb. 1918	169.66	
Teeswater	Dec. 1920	583.21	
Thornton	Nov. 1918	282.38	
Tottenham	Oct. 1918		76.38
Uxbridge	Sept. 1922	1,633.23	
Victoria Harbour	July 1914		6.07
Walkerton	Feb. 1931	838.54	
Waubaushene	Dec. 1914	200.82	
Wiarton	May 1931	1,564.62	
Windermere	June 1930	342.65	
Wingham	Dec. 1920	3,406.37	
Woodville	Nov. 1914	656.09	
Totals—Municipalities		41,253.27	6,694.65
Totals—Rural power districts		85,499.40	289,223.87
Grand totals		126,752.67	295,918.52

SYSTEM *G.B.—CREDIT OR CHARGE*

power supplied to it to October 31, 1940, the cash receipts and payments thereon or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1941

Cash receipts and payments on account of such credits and charges, also adjustments made during the year		Net amount credited or charged in respect of power supplied in the year ended October 31, 1941		Accumulated amount standing as a credit or charge on October 31, 1941	
Credited	Charged	Credited	Charged	Credit	Charge
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
	627.59	894.38		894.38	
	2,138.58	2,371.45		2,371.45	
39.92		167.52		167.52	
32.92		14.54		14.54	
	1,074.14	1,042.76		1,042.76	
68.11		104.75		104.75	
	686.73	937.86		937.86	
	105.24	316.24		316.24	
	249.84	301.91		301.91	
	145.41	836.18		836.18	
	328.74	403.97		403.97	
	570.86	524.63		524.63	
	169.66	86.29		86.29	
	583.21	849.58		849.58	
	282.38	247.02		247.02	
76.38		686.89		686.89	
	1,633.23	2,119.02		2,119.02	
6.07		96.48		96.48	
	838.54	1,536.19		1,536.19	
	200.82	303.03		303.03	
	1,564.62	2,709.05		2,709.05	
	342.65	407.70		407.70	
	3,406.37	4,997.98		4,997.98	
	656.09	634.78		634.78	
5,218.88	41,253.27	56,194.51	793.24	56,031.69	2,106.19
3,899.75	12,064.77	13,675.35	54,575.25	101,541.68	354,331.07
9,118.63	53,318.04	69,869.86	55,368.49	157,573.37	356,437.26

Sinking Fund

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder, as part of the cost of power delivered thereto, together with its proportionate share of other sinking funds provided out of other revenues of the system, and interest allowed thereon, to October 31, 1941

Municipality	Period of years ended Oct. 31, 1941	Amount
		$ c.
Alliston	18 years	25,744.34
Arthur	20 "	21,304.93
Barrie	23 "	168,477.62
Beaverton	22 "	22,517.83
Beeton	18 "	17,009.88
Bradford	18 "	19,933.62
Brechin	22 "	8,345.15
Cannington	22 "	16,994.89
Chatsworth	21 "	4,918.39
Chesley	20 "	39,811.99
Coldwater	23 "	16,359.38
Collingwood	23 "	149,363.32
Cookstown	18 "	5,921.08
Creemore	22 "	13,091.28
Dundalk	21 "	13,953.40
Durham	21 "	34,044.78
Elmvale	23 "	16,472.46
Elmwood	18 "	4,549.22
Flesherton	21 "	7,224.64
Grand Valley	20 "	13,235.63
Gravenhurst	21 "	32,285.26
Hanover	20 "	89,442.76
Holstein	20 "	2,945.70
Huntsville	20 "	65,212.35
Kincardine	17 "	46,728.60
Kirkfield	17 "	3,496.91
Lucknow	17 "	21,536.33
Markdale	20 "	11,293.30
Meaford	17 "	33,062.29
Midland	23 "	238,557.82
Mildmay	9 years	3,619.85
Mount Forest	21 "	35,992.81
Neustadt	18 "	6,968.24
Orangeville	20 "	48,789.66
Owen Sound	21 "	231,367.11
Paisley	17 "	12,073.69
Penetanguishene	25 "	69,047.00
Port Elgin	11 "	13,005.23
Port McNicoll	22 "	6,912.07
Port Perry	17 "	19,275.75
Priceville	17 "	1,047.73
Ripley	17 "	8,536.57
Rosseau	11 "	3,837.96
Shelburne	20 "	20,952.35
Southampton	11 "	11,427.58
Stayner	23 "	18,233.47
Sunderland	22 "	11,118.81
Tara	18 "	9,261.37
Teeswater	17 "	13,443.32
Thornton	18 "	3,669.38
Tottenham	18 "	11,622.15
Uxbridge	17 "	20,639.17
Victoria Harbour	22 "	7,104.90
Walkerton	11 "	20,966.20
Waubaushene	22 "	4,863.52
Wiarton	11 "	15,552.74
Windermere	12 "	2,655.12
Wingham	17 "	40,372.93
Woodville	22 "	10,859.35
Total—Municipalities		$1,847,051.18
Total—Rural power districts		374,268.44
Grand total		$2,221,319.62

GEORGIAN BAY SYSTEM

Rural Power Districts

Operating Account for Year Ended October 31, 1941

Revenue from customers in rural power districts		$582,558.42
Cost of power as provided to be paid under Power Commission Act	$270,217.74	
Cost of operation, maintenance and administration	157,154.77	
Interest	116,434.44	
Provision for renewals	51,526.36	
Provision for sinking fund	28,125.01	
		$623,458.32
Balance		$ 40,899.90

GEORGIAN BAY SYSTEM—RURAL LINES

Statement showing Interest, Renewals, Contingencies, Obsolescence and Sinking Fund charged by the Commission to the Municipality which operates the rural line, for the year ended October 31, 1941

Operated by	Capital Cost	Interest	Provision for renewals	Provision for contingencies and obsolescence	Provision for sinking fund	Total interest, renewals, obsolescence, contingencies and sinking fund charged
	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Brechin	922.02	48.22	18.44	9.22	16.60	92.48

GEORGIAN BAY SYSTEM—RURAL LINES

Statement showing the total Sinking Fund paid in respect of this line, together with interest allowed thereon to October 31, 1941

	Period of years ended October 31, 1941	Amount
		$ c.
Brechin	23 years	568.72

EASTERN ONTARIO

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power

Municipality	Interim rates per horsepower collected by Commission during year		Share of capital cost of system	Average horsepower supplied in year after correction for power factor	Share of operating		
	To Dec. 31, 1940	From Jan. 1, 1941			Cost of power purchased	Operating, maintenance and administrative expenses	Interest
	$ c.	$ c.	$ c.		$ c.	$ c.	$ c.
Alexandria	52.00	52.00	73,599.69	215.6	1,334.35	2,313.13	3,156.03
Apple Hill	44.00	44.00	11,335.52	44.4	274.79	640.87	486.56
Arnprior	30.00	30.00	125,779.07	1,020.6	6,316.49	5,760.60	5,446.79
Athens	45.00	45.00	34,456.25	115.5	714.83	982.97	1,490.44
Bath	56.00	50.00	12,066.94	35.3	218.47	380.14	519.71
Belleville	26.00	26.00	851,939.93	6,401.5	39,618.85	31,856.01	36,593.47
Bloomfield	47.00	47.00	31,518.22	114.3	707.40	1,159.51	1,356.56
Bowmanville	31.00	31.00	443,169.67	2,651.9	16,412.59	17,601.59	19,097.25
Brighton	32.00	32.00	62,734.33	334.7	2,071.46	2,566.85	2,687.94
Brockville	26.00	26.00	585,379.13	4,186.4	25,909.61	22,645.35	25,252.21
Cardinal	30.00	30.00	39,700.73	274.0	1,695.78	1,720.65	1,701.67
Carleton Place	28.00	28.00	257,714.77	1,735.1	10,738.52	8,901.10	10,687.96
Chesterville	33.00	33.00	50,109.18	270.1	1,671.65	1,901.04	2,155.06
Cobden	60.00	55.00	23,210.06	70.3	435.09	966.91	996.04
Cobourg	31.00	31.00	361,735.49	2,207.1	13,659.73	14,537.10	15,628.55
Colborne	33.00	33.50	41,736.73	205.0	1,268.74	1,286.82	1,807.89
Deseronto	46.00	46.00	44,407.41	161.3	998.28	1,365.15	1,916.24
Finch	42.00	42.00	23,948.85	98.4	609.00	855.18	1,030.62
Hastings	42.00	42.00	24,141.47	102.9	636.85	1,010.12	1,035.83
Havelock	46.50	46.50	42,328.81	139.6	863.98	1,350.96	1,828.32
Iroquois Village	27.50	27.50	33,655.00	251.8	1,558.39	1,454.26	1,445.28
Kemptville	35.00	35.00	71,674.24	355.6	2,200.81	2,761.39	3,081.51
Kingston	28.00	28.00	1,623,008.67	11,138.2	68,934.26	57,540.83	69,870.25
Lakefield	37.00	37.00	61,605.00	315.5	1,952.63	2,112.98	2,792.27
Lanark	40.00	40.00	21,927.81	90.0	557.01	873.43	946.55
Lancaster	55.00	55.00	17,297.03	48.1	297.69	519.19	746.69
Lindsay	34.00	33.00	581,971.88	3,382.5	20,934.27	23,686.96	24,917.64
Madoc	46.50	46.50	47,281.25	188.8	1,168.48	2,563.36	2,044.81
Marmora	38.00	38.00	28,756.04	126.6	783.53	1,026.35	1,239.75
Martintown	40.00	40.00	6,836.80	34.7	214.76	308.44	292.75
Maxville	48.00	48.00	29,332.41	96.9	599.71	1,081.62	1,258.62
Millbrook	42.00	42.00	18,666.73	85.0	526.06	660.28	804.28
Morrisburg	32.50	32.50	36,200.36	205.0	1,268.74	1,514.75	1,560.71
Napanee	30.00	30.00	193,250.21	1,219.4	7,546.86	8,164.81	8,322.20
Newcastle	33.50	33.50	35,003.04	197.4	1,221.71	1,373.05	1,508.21

SYSTEM *E.O.—COST OF POWER*

Municipality as the Cost—under Power Commission Act—of Power supplied to from each Municipality, and the amount remaining to be credited supplied to it in the year ended October 31, 1941

costs and fixed charges				Cost in excess of revenue from power sold to private companies	Amount charged to each municipality in respect of power supplied to it in the year	Amount received from (or billed against) each municipality by the Commission	Amount remaining to be credited or charged to each municipality Credited (Charged)
Provision for renewals	Provision for contingencies and obsolescence	Provision for stabilization of rates	Provision for sinking fund				
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
1,257.06	506.64	862.40	762.94	12.54	10,205.09	11,210.32	1,005.23
183.93	98.60	177.60	117.66	2.58	1,982.59	1,953.23	(29.36)
1,609.13	1,827.02	4,082.40	1,325.79	59.38	26,427.60	30,616.75	4,189.15
581.50	257.17	462.00	360.32	6.72	4,855.95	5,197.91	341.96
191.55	80.76	141.20	126.47	2.05	1,660.35	1,796.31	135.96
7,959.19	10,892.74	25,606.00	8,836.27	372.48	161,735.01	166,437.69	4,702.68
468.22	245.94	457.20	329.47	6.65	4,730.95	5,372.12	641.17
5,097.36	4,854.70	10,607.60	4,608.32	154.30	78,433.71	82,210.19	3,776.48
773.36	653.89	1,338.80	650.08	19.47	10,761.85	10,709.60	(52.25)
7,806.45	7,552.33	16,745.60	6,073.22	243.59	112,228.36	108,845.60	(3,382.76)
538.69	509.00	1,096.00	412.11	15.94	7,689.84	8,220.00	530.16
3,372.30	3,142.86	6,940.40	2,589.16	100.96	46,473.26	48,581.95	2,108.69
746.65	531.36	1,080.40	519.77	15.72	8,621.65	8,913.88	292.23
401.77	168.33	281.20	244.50	4.09	3,497.93	3,931.76	433.83
4,123.24	4,055.02	8,828.40	3,772.65	128.42	64,733.11	68,420.37	3,687.26
543.74	417.58	820.00	435.05	11.93	6,591.75	6,848.67	256.92
659.37	373.82	645.20	464.22	9.39	6,431.67	7,419.79	988.12
385.89	207.81	393.60	249.31	5.73	3,737.14	4,134.20	397.06
336.77	214.53	411.60	251.98	5.99	3,903.67	4,319.70	416.03
648.41	314.97	558.40	442.70	8.12	6,015.86	6,491.80	475.94
437.03	454.59	1,007.20	348.17	14.65	6,719.57	6,924.95	205.38
1,102.13	709.97	1,422.40	747.02	20.69	12,045.92	12,444.56	398.64
16,665.65	19,300.58	44,552.80	16,857.80	648.09	294,370.26	311,869.54	17,499.28
845.07	600.20	1,262.00	673.90	18.36	10,257.41	11,673.75	1,416.34
354.79	191.42	360.00	229.00	5.24	3,517.44	3,601.65	84.21
300.85	116.23	192.40	180.95	2.80	2,356.80	2,643.24	286.44
6,784.04	6,208.55	13,530.00	6,026.57	196.81	102,284.84	112,184.78	9,899.94
677.83	405.11	755.20	493.90	10.99	8,119.68	8,776.89	657.21
395.56	270.11	506.40	300.14	7.37	4,529.21	4,810.78	281.57
104.21	69.75	138.80	71.14	2.02	1,201.87	1,386.67	184.80
492.55	221.42	387.60	304.76	5.64	4,351.92	4,650.40	298.48
252.67	175.31	340.00	194.72	4.95	2,958.27	3,569.65	611.38
532.98	412.16	820.00	376.74	11.93	6,498.01	6,662.82	164.81
2,135.46	2,219.52	4,877.60	2,009.27	70.95	35,346.67	36,583.25	1,236.58
419.73	372.31	789.60	364.25	11.49	6,060.35	6,614.30	553.95

EASTERN ONTARIO

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power

Municipality	Interim rates per horsepower collected by Commission during year		Share of capital cost of system	Average horse-power supplied in year after correction for power factor	Share of operating		
	To Dec. 31, 1940	From Jan. 1, 1941			Cost of power purchased	Operating, maintenance and administrative expenses	Interest
	$ c.	$ c.	$ c.		$ c.	$ c.	$ c.
Norwood	35.50	35.50	25,463.10	137.0	847.89	1,235.64	1,094.07
Omemee	35.00	35.00	40,366.51	199.5	1,234.70	2,027.06	1,638.34
Orono	40.00	40.00	19,575.64	88.6	548.34	668.70	843.90
Oshawa	30.50	30.50	2,915,084.54	17,591.9	108,876.17	107,475.21	125,592.57
Ottawa	....	....	964.69	19,770.3	217,473.66	136.34	42.20
Ottawa	20.50	20.50	1,204,712.65	12,934.2	80,049.69	57,976.10	51,861.94
Perth	28.00	28.00	226,028.18	1,605.5	9,936.43	8,261.01	9,683.98
Peterborough	26.00	26.00	1,581,919.44	11,387.3	70,475.94	56,579.09	68,102.37
Picton	39.50	39.50	248,522.66	1,093.7	6,768.90	7,980.52	10,688.79
Port Hope	32.50	31.00	359,445.33	2,233.5	13,823.12	16,698.06	15,353.22
Prescott	26.50	26.50	155,521.97	1,092.1	6,759.00	6,036.67	6,710.06
Richmond	50.00	50.00	19,178.93	66.2	409.71	590.26	821.56
Russell	46.00	46.00	20,439.94	68.8	425.80	671.75	885.56
Smiths Falls	25.00	25.00	307,530.10	2,482.9	15,366.65	12,771.20	13,205.66
Stirling	27.00	27.00	38,428.60	280.8	1,737.87	1,618.69	1,658.81
Trenton	24.00	24.00	552,544.29	4,342.8	26,877.56	19,827.51	23,783.46
Tweed	50.00	45.00	67,189.42	254.6	1,575.72	3,310.60	2,818.48
Warkworth	40.00	40.00	17,745.44	78.7	487.07	556.14	759.42
Wellington	38.00	38.00	40,827.25	185.4	1,147.44	1,569.77	1,759.63
Westport	55.00	55.00	38,081.04	98.9	612.09	875.31	1,649.89
Whitby	30.50	30.50	219,862.48	1,323.5	8,191.13	7,960.00	9,468.95
Williamsburgh	30.00	30.00	19,364.09	119.1	737.11	736.80	836.06
Winchester	31.00	31.00	51,906.36	314.0	1,943.34	2,043.87	2,221.69
Totals—Municipalities			14,118,181.37	115,868.8	812,226.70	543,050.05	607,187.27
Totals—Rural power districts			2,095,271.21	12,696.6	95,338.08	73,971.83	90,127.61
Totals—Companies			4,690,000.48	30,151.1	203,450.64	137,694.68	197,942.51
Totals—Local distribution systems			98,831.79	464.9	2,877.26	8,087.59	4,308.37
			21,002,284.85				
Non-operating capital			2,471,356.39				
Grand totals			23,473,641.24	159,181.4	1,113,892.68	762,804.15	899,565.76

SYSTEM *E.O.—COST OF POWER*

Municipality as the Cost—under Power Commission Act—of Power supplied to from each Municipality, and the amount remaining to be credited supplied to it in the year ended October 31, 1941

costs and fixed charges				Cost in excess of revenue from power sold to private companies	Amount charged to each municipality in respect of power supplied to it in the year	Amount received from (or billed against) each municipality by the Commission	Amount remaining to be credited or charged to each municipality Credited (Charged)
Provision for renewals	Provision for contingencies and obsolescence	Provision for stabilization of rates	Provision for sinking fund				
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
314.79	268.91	548.00	265.16	7.97	4,582.43	4,864.98	282.55
477.76	387.28	798.00	396.32	11.61	6,971.07	6,982.51	11.44
265.70	176.78	354.40	204.18	5.16	3,067.16	3,545.66	478.50
33,319.03	31,869.64	70,367.60	30,309.45	1,023.59	508,833.26	536,554.22	27,720.96
19.30	4.82	....	10.16	....	217,686.48	217,686.48	....
12,174.43	21,196.70	51,736.80	12,426.68	752.58	288,174.92	265,150.90	(23,024,02)
3,026.34	2,920.13	6,422.00	2,346.23	93.42	42,689.54	44,953.55	2,264.01
15,473.79	19,521.34	45,549.20	16,411.06	662.58	292,775.37	296,068.72	3,293.35
3,417.92	2,168.99	4,374.80	2,593.27	63.64	38,056.83	43,202.81	5,145.98
3,996.35	4,054.86	8,934.00	3,725.00	129.96	66,714.57	69,782.55	3,067.98
2,092.77	1,995.22	4,368.40	1,613.96	63.54	29,639.62	28,939.98	(699.64)
322.57	144.78	264.80	200.63	3.85	2,758.16	3,310.42	552.26
343.72	154.54	275.20	213.23	4.00	2,973.80	3,164.02	190.22
3,837.00	4,395.06	9,931.60	3,184.48	144.47	62,836.12	62,072.29	(763.83)
372.94	481.52	1,123.20	400.14	16.34	7,409.51	7,582.09	172.58
4,890.89	7,302.39	17,371.20	5,726.75	252.69	106,032.45	104,227.68	(1,804.77)
955.45	530.69	1,018.40	687.81	14.81	10,911.96	11,728.93	816.97
243.29	159.70	314.80	185.20	4.58	2,710.20	3,148.68	438.48
553.53	373.17	741.60	425.98	10.79	6,581.91	7,045.83	463.92
669.47	253.32	395.60	398.85	5.75	4,860.28	5,441.80	581.52
2,517.72	2,370.66	5,294.00	2,286.09	77.01	38,165.56	40,366.20	2,200.64
276.29	231.13	476.40	201.32	6.93	3,502.04	3,574.00	71.96
738.89	600.31	1,256.00	536.27	18.27	9,358.64	9,732.47	373.83
159,485.07	170,194.24	384,394.00	146,498.54	5,591.57	2,828,627.44	2,905,155.84	106,285.03 (29,756.63)
26,841.52	23,600.37	50,786.40	21,698.86	738.77	383,103.44	383,103.44	....
53,287.42	155,256.80	....	46,671.22	(12,026.97)	782,276.30	782,276.30	....
1,453.93	837.71	....	1,037.27	5,696.63	24,298.76	24,298.76	....
241,067.94	349,889.12	435,180.40	215,905.89	....	4,018,305.94	4,094,834.34	106,285.03 (29,756.63)

EASTERN ONTARIO

Statement showing the net Credit or Charge to each Municipality in respect of and adjustments made during the year; also the net amount Credited ended October 31, 1941, and the accumulated amount standing

Municipality	Date commenced operating	Net credit or charge at October 31, 1940	
		Credit	Charge
		$ c.	$ c.
Alexandria	Jan. 1921	790.14	
Apple Hill	April 1921	112.72	
Arnprior	Jan. 1939	3,510.76	
Athens	Jan. 1929	349.67	
Bath	Nov. 1931	337.10	
Belleville	April 1929	6,336.76	
Bloomfield	April 1919	664.83	
Bowmanville	Oct. 1931	2,608.26	
Brighton	Nov. 1929	722.76	
Brockville	April 1915		1,540.97
Cardinal	July 1930	596.01	
Carleton Place	May 1919	3,323.20	
Chesterville	April 1914	224.87	
Cobden	Nov. 1925	897.20	
Cobourg	Jan. 1932	2,586.81	
Colbourne	Jan. 1933		53.47
Deseronto	Jan. 1931	696.29	
Finch	Feb. 1928	293.53	
Hastings	June 1931	519.71	
Havelock	Feb. 1921	552.07	
Iroquois Village	Feb. 1940	39.77	
Kemptville	Dec. 1921	1,233.59	
Kingston	Nov. 1937	7,808.96	
Lakefield	Aug. 1920	425.46	
Lanark	Sept. 1921	235.50	
Lancaster	May 1921	286.65	
Lindsay	Mar. 1928	6,763.76	
Madoc	Jan. 1930	407.64	
Marmora	Jan. 1921	352.46	
Martintown	May 1921	158.14	
Maxville	Feb. 1921	368.70	
Millbrook	Dec. 1938	282.30	
Morrisburg	June 1938	188.42	
Napanee	Nov. 1929	1,355.24	
Newcastle	Jan. 1937	229.60	

power supplied to it to October 31, 1940, the cash receipts and payments thereon or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1941

Cash recepts and payments on account of such credits and charges, also adjustments made during the year		Net amount credited or charged in respect of power supplied in the year ended October 31, 1941		Accumulated amount standing as a credit or charge on October 31, 1941	
Credited	Charged	Credited	Charged	Credit	Charge
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
	790.14	1,005.23		1,005.23	
	112.72		29.36		29.36
	3,510.76	4,189.15		4,189.15	
	349.67	341.96		341.96	
	337.10	135.96		135.96	
	6,336.76	4,702.68		4,702.68	
	664.83	641.17		641.17	
	2,608.26	3,776.48		3,776.48	
	722.76		52.25		52.25
1,540.97			3,382.76		3,382.76
	596.01	530.16		530.16	
	3,323.20	2,108.69		2,108.69	
	224.87	292.23		292.23	
	897.20	433.83		433.83	
	2,586.81	3,687.26		3,687.26	
53.47		256.92		256.92	
	696.29	988.12		988.12	
	293.53	397.06		397.06	
	519.71	416.03		416.03	
	552.07	475.94		475.94	
	39.77	205.38		205.38	
	1,233.59	398.64		398.64	
	7,808.96	17,499.28		17,499.28	
	425.46	1,416.34		1,416.34	
	235.50	84.21		84.21	
	286.65	286.44		286.44	
	6,763.76	9,899.94		9,899.94	
	407.64	657.21		657.21	
	352.46	281.57		281.57	
	158.14	184.80		184.80	
	368.70	298.48		298.48	
	282.30	611.38		611.38	
	188.42	164.81		164.81	
	1,355.24	1,236.58		1,236.58	
	229.60	553.95		553.95	

EASTERN ONTARIO

Statement showing the net Credit or Charge to each Municipality in respect of and adjustments made during the year; also the net amount Credited ended October 31, 1941, and the accumulated amount standing

Municipality	Date commenced operating	Net credit or charge at October 31, 1940	
		Credit	Charge
		$ c.	$ c.
Norwood	Feb. 1921	458.50	
Omemee	Jan. 1940	356.44	
Orono	Nov. 1938	261.62	
Oshawa	Feb. 1929	17,763.65	
Ottawa	Jan. 1914		13,992.46
Perth	Feb. 1919	2,794.65	
Peterborough	Mar. 1913	3,654.75	
Picton	April 1919	4,713.95	
Port Hope	Nov. 1929	5,916.28	
Prescott	Dec. 1913		251.02
Richmond	Aug. 1928	554.75	
Russell	Feb. 1926	4.90	
Smiths Falls	Sept. 1918	1,287.80	
Stirling	Jan. 1930	169.25	
Trenton	Sept. 1931	151.32	
Tweed	Dec. 1930	2,129.67	
Warkworth	Oct. 1923	470.07	
Wellington	April 1919	561.69	
Westport	Nov. 1931	419.58	
Whitby	Jan. 1926	1,643.48	
Williamsburgh	April 1915	6.62	
Winchester	Jan. 1914	301.25	
Totals—Municipalities		88,879.10	15,837.92
Totals—Rural power districts		282,541.70	186,963.37
Grand totals		371,420.80	202,801.29

power supplied to it to October 31, 1940, the cash receipts and payments thereon or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1941

Cash receipts and payments on account of such credits and charges, also adjustments made during the year		Net amount credited or charged in respect of power supplied in the year ended October 31, 1941		Accumulated amount standing as a credit or charge on October 31, 1941	
Credited	Charged	Credited	Charged	Credit	Charge
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
....	458.50	282.55	....	282.55	....
....	356.44	11.44	....	11.44	....
....	261.62	478.50	....	478.50	....
....	17,763.65	27,720.96	....	27,720.96	....
13,992.46	....	....	23,024.02	....	23,024.02
....	2,794.65	2,264.01	....	2,264.01	....
....	3,654.75	3,293.35	....	3,293.35	....
....	4,713.95	5,145.98	....	5,145.98	....
....	5,916.28	3,067.98	....	3,067.98	....
251.02	....	....	699.64	....	699.64
....	554.75	552.26	....	552.26	....
....	4.90	190.22	....	190.22	....
....	1,287.80	....	763.83	....	763.63
....	169.25	172.58	....	172.58	....
....	151.32	....	1,804.77	....	1,804.77
....	2,129.67	816.97	....	816.97	....
....	470.07	438.48	....	438.48	....
....	561.69	463.92	....	463.92	....
....	419.58	581.52	....	581.52	....
....	1,643.48	2,200.64	....	2,200.64	....
....	6.62	71.96	....	71.96	....
....	301.25	373.83	....	373.83	....
15,837.92	88,879.10	106,285.03	29,756.63	106,285.03	29,756.63
11,338.96	8,068.57	73,469.86	52,188.17	353,919.37	233,788.96
27,176.88	96,947.67	179,754.89	81,944.80	460,204.40	263,545.59

EASTERN ONTARIO SYSTEM

Sinking Fund

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder as part of the cost of power delivered thereto, together with its proportionate share of other sinking funds provided out of other revenues of the system, and interest allowed thereon to October 31, 1941

Municipality	Period of years ended Oct. 31, 1941	Amount	Municipality	Period of years ended Oct. 31, 1941	Amount
		$ c.			$ c.
Alexandria	17 years	32,663.01	Maxville	17 years	10,301.76
Apple Hill	17 “	3,579.08	Millbrook	3 “	703.84
Arnprior	3 “	5,467.03	Morrisburg	4 “	1,634.30
Athens	13 “	6,823.69	Napanee	12 “	45,073.83
Bath	10 “	2,267.80	Newcastle	5 “	1,997.77
Belleville	13 “	186,664.21	Norwood	13 “	6,475.64
Bloomfield	13 “	6,762.64	Omemee	2 “	878.83
Bowmanville	10 “	66,290.84	Orono	3 “	784.98
Brighton	12 “	12,376.19	Oshawa	13 “	574,023.06
Brockville	21 “	185,694.71	Ottawa	26 “	204,291.77
Cardinal	12 “	6,154.50	Perth	17 “	74,690.36
Carleton Place	17 “	84,918.01	Peterborough	13 “	336,149.35
Chesterville	22 “	28,923.45	Picton	13 “	57,397.52
Cobden	6 “	1,539.65	Port Hope	12 “	62,062.92
Cobourg	10 “	50,153.20	Prescott	22 “	52,284.13
Colbourne	9 “	4,501.61	Richmond	14 “	3,190.85
Deseronto	11 “	7,736.80	Russell	16 “	6,028.37
Finch	14 “	4,762.44	Smiths Falls	18 “	108,490.61
Hastings	11 “	4,051.44	Stirling	12 “	9,453.44
Havelock	13 “	13,027.82	Trenton	10 “	85,692.91
Iroquois Village	2 “	813.57	Tweed	11 “	10,517.92
Kemptville	17 “	22,212.80	Warkworth	13 “	4,207.98
Kingston	4 “	86,021.34	Wellington	13 “	10,815.01
Lakefield	13 “	14,189.55	Westport	10 “	5,292.95
Lanark	17 “	6,691.96	Whitby	13 “	54,772.68
Lancaster	17 “	6,600.36	Williamsburgh	21 “	6,763.47
Lindsay	13 “	103,938.58	Winchester	22 “	21,055.20
Madoc	12 “	8,559.45			
Marmora	13 “	6,107.44	Total—Municipalities		$2,726,778.32
Martintown	17 “	2,253.70	Total—Rural power districts		631,580.07
			Grand total		$3,358,358.39

EASTERN ONTARIO SYSTEM

Rural Power Districts

Operating Account for Year Ended October 31, 1941

Revenue from customers in rural power districts		$999,607.51
Cost of power provided to be paid under Power Commission Act	$383,103.44	
Cost of operation, maintenance and administration	283,609.75	
Interest	184,089.89	
Provision for renewals	83,201.84	
Provision for sinking fund	44,320.90	
		978,325.82
Balance		$21,281.69

THUNDER BAY

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power

Municipality	Interim rates per horsepower collected by Commission during year	Share of capital cost of system	Average horsepower supplied in year after correction for power factor	Share of operating		
	To Oct. 31, 1941			Operating, maintenance and administrative expense	Interest	Provision for renewals
	$ c.	$ c.		$ c.	$ c.	$ c.
Fort William	21.00	2,858,986.78	13,644.3	45,344.16	138,327.80	25,396.61
Nipigon Township	28.00	34,697.23	187.2	1,649.91	1,664.89	285.13
Port Arthur	21.00	8,475,771.94	41,091.8	130,623.28	410,332.90	74,617.88
Totals—Municipalities		11,369,455.95	54,923.3	177,617.35	550,325.59	100,299.62
Totals—Rural power districts		144,737.49	570.8	2,230.55	7,010.39	1,441.32
Totals—Companies		5,092,715.59	25,189.9	75,209.32	246,928.90	42,098.88
Totals—Mining area—Mines		2,921,373.40	12,256.6	54,317.74	141,644.21	15,359.96
Totals—Mining area—Townsites		282,039.10	717.9	16,188.43	13,524.90	899.67
		19,810,321.53				
Non-operating capital		6,802.35				
Grand totals		19,817,123.88	93,658.5	325,563.39	959,433.99	160,099.45

THUNDER BAY

Statement showing the net Credit or Charge to each Municipality in respect of adjustments made and interest added during the year; also the net amount in the year ended October 31, 1941, and the accumulated amount

Municipality	Date commenced operating	Net credit or charge at October 31,1940	
		Credit	Charge
		$ c.	$ c.
Fort William	Oct. 1926		901.01
Township of Nipigon	Jan. 1925	696.47	
Port Arthur	Dec. 1910	10,679.64	
Total—Municipalities		11,376.11	901.01
Total—Rural power districts			11,043.54
		11,376.11	11,944.55

SYSTEM *T.B.—COST OF POWER*

Municipality as the Cost—under Power Commission Act—of Power supplied to from each Municipality, and the amount remaining to be credited supplied to it in the year ended October 31, 1941

costs and fixed charges			Cost in excess of revenue from power sold to priviate companies	Amount charged to each municipality in respect of power supplied to it in the year	Amount received from (or billed against) each municipality by the Commission	Amount remaining to be credited to each municipality
Provision for contingencies and obsolescence	Provision for stabilization of rates	Provision for sinking fund				
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
19,743.39	20,466.45	30,037.28	5,846.43	285,162.12	286,529.97	1,367.85
249.78	280.80	364.25	80.21	4,574.97	5,241.31	666.34
58,837.52	61,637.70	89,150.51	17,607.39	842,807.18	862,928.00	20,120.82
78,830.69	82,384.95	119,552.04	23,534.03	1,132,544.27	1,154,699.28	22,155.01
952.24	856.20	1,522.45	244.58	14,257.73	14,257.73	....
46,578.78	....	52,143.31	(23,778.61)	439,180.58	439,180.58	....
92,315.62	95,651.32	21,413.24	....	420,702.09	420,702.09	
15,466.74	1,161.50	1,254.22	....	48,495.46	48,495.46	....
234,144.07	180,053.97	195,885.26	....	2 055,180.13	2,077,335.14	22,155.01

SYSTEM *T.B.—CREDIT OR CHARGE*

power supplied to it to October 31, 1940, the cash receipts and payments thereon, Credited or Charged to each Municipality in respect of power supplied standing as a Credit or Charge to each Municipality at October 31, 1941

Cash receipts and payments on account of such credits and charges, also adjustments made during the year		Net amount credited or charged in respect of power supplied in the year ended October 31, 1941		Accumulated amount standing as a credit or charge on October 31, 1941	
Credited	Charged	Credited	Charged	Credit	Charge
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
901.01	....	1,367.85	....	1,367.85	....
....	696.47	666.34	....	666.34	....
....	10,679.64	20,120.82	....	20,120.82	....
901.01	11,376.11	22,155.01	....	22,155.01	....
....	441.74	1,529.30	517.49	....	10,473.47
901.01	11,817.85	23,684.31	517.49	22,155.01	10,473.47

THUNDER BAY SYSTEM

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder, as part of the cost of power delivered thereto, together with the proportionate share of other sinking funds provided out of other revenues of the system, and interest allowed thereon to October 31, 1941

Municipality	Period of years ended October 31, 1941	Amount
		$ c.
Fort William	15 years	704,110.08
Township of Nipigon	15 "	6,082.66
Port Arthur	15 "	2,302,151.73
Total—Municipalities		3,012,344.47
Total—Rural power districts		21,379.47
Grand totals		3,033,723.94

THUNDER BAY SYSTEM

Rural Power Districts

Operating Account for Year Ended October 31, 1941

Revenue from customers in rural power districts		$43,668.89
Cost of power as provided to be paid under Power Commission Act	$14,257.73	
Cost of operation, maintenance and administration	10,134.80	
Interest	11,207.65	
Provision for renewals	4,622.93	
Provision for sinking fund	2,433.97	
		42,657.08
Balance		$1,011.81

NORTHERN ONTARIO PROPERTIES

(Operated by The Hydro-Electric Power Commission of Ontario)

FINANCIAL ACCOUNTS

For the Year ended October 31, 1941

Relating to Power Properties which are held and operated by the Commission in trust for the Province of Ontario, and which are situated in the following Northern Districts:

Nipissing Sudbury Abitibi Patricia

STATEMENTS

Balance Sheet as at October 31, 1941

Operating Account for the Year ended October 31, 1941

Schedules supporting the Balance Sheet as at October 31, 1941
- Fixed Assets—By Districts
- Renewals Reserve
- Contingencies and Obsolescence Reserve
- Sinking Fund Reserve

NORTHERN ONTARIO

Held and Operated by The Hydro-Electric Power

BALANCE SHEET AS AT

ASSETS

Fixed Assets:			
Nipissing district		$1,365,874.32	
Sudbury district		4,412,490.91	
Abitibi district		29,234,420.07	
Patricia district		4,422,584.04	
Rural power districts		793,642.40	
		$40,229,011.74	
Less: Grants-in-aid of construction:			
Province of Ontario—for rural power districts		388,353.15	
			$39,840,658.59
Current Assets:			
Employees' working funds		$4,405.00	
The Hydro-Electric Power Commission of Ontario—Current account		1,989,947.95	
Sundry accounts receivable		407,817.46	
Power accounts receivable		528,013.78	
Interest accrued		15,234.38	
Consumers' deposits—securities:			
Bonds at par value	$785,500.00		
Stocks at market value	207,500.00		
		993,000.00	
Prepayments		25,110.95	
			3,963,529.52
Inventories:			
Maintenance materials and supplies		$117,568.10	
Maintenance tools and equipment		83,640.77	
			201,208.87
Deferred Assets:			
Work in progress—deferred work orders			5,625.49
Unamortized Discount on Debentures			275,089.67
Sinking Fund Investments			1,615,040.77
			$45,901,152.91

PROPERTIES

Commission of Ontario in Trust for the Province of Ontario

OCTOBER 31, 1941

LIABILITIES AND RESERVES

LONG TERM LIABILITIES:		
Funded debt in the hands of the public	$26,760,000.00	
Advances from the Province of Ontario for capital purposes	6,041,572.70	
		$32,801,572.70
CURRENT LIABILITIES:		
Power accounts—credit balances	$1,754.66	
Consumers' deposits	1,006,832.25	
Debenture interest accrued	97,574.99	
Miscellaneous accruals	2,749.46	
		1,108,911.36
RESERVES:		
Renewals	$2,702,399.91	
Contingencies and obsolescence	1,839,664.08	
Miscellaneous	279,252.61	
		4,821,316.60
SINKING FUND RESERVES:		
Represented by:		
Funded debt retired through sinking funds	$2,000,000.00	
Provincial advances retired through sinking funds	2,215,538.77	
Available balance	2,856,669.69	
		7,072,208.46
SURPLUS		97,143.79
		$45,901,152.91

Auditors' Certificate

We have examined the Accounts of the Northern Ontario Properties for the year ended the 31st October, 1941, and report that, in our opinion, the above Balance Sheet is properly drawn up so as to exhibit a true and correct view of the state of the affairs of Northern Ontario Properties at the 31st October, 1941, according to the best of our information and the explanations given to us and as shown by the books and records of the Properties. We have obtained all the information and explanations we have required.

OSCAR HUDSON AND CO.,
Chartered Accountants,
Auditors.

Dated at Toronto, Ontario
31st March, 1942.

NORTHERN ONTARIO

EMBRACING THE NIPISSING, SUDBURY,
NORTHERN RURAL
Held and Operated by The Hydro-Electric
In Trust for the

Operating Account for the

COST OF OPERATION

Power purchased	$ 16,643.89
Operating, maintenance and administrative expenses	974,958.87
Interest	1,499,250.27
Provision for renewals	331,141.48
Provision for contingencies and obsolescence	345,498.96
Provision for sinking fund	1,113,782.83
Total cost	$4,281,276.30
Net income for year	1,049,716.12
	$5,330,992.42

PROPERTIES

ABITIBI, PATRICIA DISTRICTS AND POWER DISTRICTS
Power Commission of Ontario
Province of Ontario

Year Ended October 31, 1941

REVENUE

Power sold to private companies and customers	$5.330,992.42
	$5,330,992.42

Surplus Account—as at October 31, 1941

Balance at credit November 1, 1940		$ 607,672.49
Net income for the year ended October 31, 1941		1,049,716.12
Transferred to reserves—net	$1,060,244.82	
Payment to Province of Ontario	500,000.00	
Balance at credit October 31, 1941	97,143.79	
	$1,657,388.61	$1,657,388.61

NORTHERN ONTARIO PROPERTIES

Held and Operated by The Hydro-Electric Power Commission of Ontario in Trust for the Province of Ontario

Fixed Assets—October 31, 1941

Property	Net capital expenditures in the year	Fixed Assets			
		Under construction	In service		Total
			Non-depreciable	Depreciable	
NIPISSING:	$ c.	$ c.	$ c.	$ c.	$ c.
Power Plants:					
South river:					
Nipissing			11,089.60	240,456.47	251,546.07
Bingham Chute	*33.50*		12,130.05	234,977.37	247,107.42
Elliot Chute			119,307.09	335,493.82	454,800.91
Storage Dams				76,122.70	76,122.70
Miscellaneous				386.14	386.14
Intangible			69,478.34		69,478.34
	33.50		212,005.08	887,436.50	1,099,441.58
Transformer Stations	*5,105.13*	1,397.26		21,157.31	22,554.57
Transmission Lines	*3,885.80*	3,092.18		204,594.08	207,686.26
Local Systems	151.56		2,219.65	33,972.26	36,191.91
	8,872.87	4,489.44	214,224.73	1,147,160.15	1,365,874.32
SUDBURY:					
Power Plants:					
Wanapitei river:					
Coniston	3,505.09		13,456.54	733,594.85	747,051.39
McVitties	1,414.11	410.33	13,323.00	389,439.73	403,173.06
Stinson	9,700.62	10,444.79	33,000.00	641,886.51	685,331.30
Storage Dam			25.00	194,870.00	194,895.00
Intangible			830,514.53		830,514.53
Sturgeon river:					
Crystal Falls and Storage Dams	23,049.33	21,094.92	44,572.52	848,004.34	913,671.78
	37,669.15	31,950.04	934,891.59	2,807,795.43	3,774,637.06
Transformer Stations	46,818.33			177,287.58	177,287.58
Transmission Lines	8,837.24	1,225.55		459,340.72	460,566.27
	93,324.72	33,175.59	934,891.59	3,444,423.73	4,412,490.91
ABITIBI:					
Power Plants:					
Abitibi river:					
Abitibi Canyon	*121,103.65*		5,559,386.73	13,936,500.92	19,495,887.65
Frederick House Dam	*49,960.02*	12,519.94	310,435.95	680,976.03	1,003,931.92
Dasserat Lake Diversion	5,608.30	5,608.30			5,608.30
	165,455.37	18,128.24	5,869,822.68	14,617,476.95	20,505,427.87
Transformer Stations	121,577.46	25,475.25	215,856.69	1,933,235.95	2,174,567.89
Transmission Lines	341,473.00	1,236.13	829,578.90	5,636,527.08	6,467,342.11
Local Systems	4,123.49			87,082.20	87,082.20
	301,718.58	44,839.62	6,915,258.27	22,274,322.18	29,234,420.07

NORTHERN ONTARIO PROPERTIES

Held and Operated by The Hydro-Electric Power Commission of Ontario in Trust for the Province of Ontario

Fixed Assets—October 31, 1941

Property	Net capital expenditures in the year	Fixed Assets			
		Under construction	In service		Total
			Non-depreciable	Depreciable	
PATRICIA:	$ c.	$ c.	$ c.	$ c.	$ c.
Power Plants:					
English river:					
Ear Falls	4,880.00	8.49	....	1 815,956.04	1,815,964.53
Albany river:					
Rat Rapids	8,245.86	8,245.86	39,297.44	554,807.60	602,350.90
	13,125.86	8,254.35	39,297.44	2,370,763.64	2,418,315.43
Transformer Stations	7,476.88	7.79	....	162,492.89	162,500.68
Transmission Lines	9,187.41	281.48	....	1,795,986.27	1,796,267.75
Local Systems	7,169.76	246.96	....	45,253.22	45,500.18
	36,959.91	8,790.58	39,297.44	4,374,496.02	4,422,584.04
NORTHERN ONTARIO PROPERTIES—RURAL POWER DISTRICTS:					
Transformer Stations	4,830.26	....	....	11,174.78	11,174.78
H-E.P.C. investments	95,015.82	169.54	....	393,944.93	394,114.47
Government grants	91,383.41	169.55	....	388,183.60	388,353.15
	191,229.49	339.09	....	793,303.31	793,642.40

SUMMARY

Property	Net capital expenditures in the year	Fixed Assets			
		Under construction	In service		Total
			Non-depreciable	Depreciable	
	$ c.	$ c.	$ c.	$ c.	$ c.
Nipissing district	*8,872.87*	4,489.44	214,224.73	1,147,160.15	1,365,874.32
Sudbury district	93,324.72	33,175.59	934,891.59	3,444,423.73	4,412,490.91
Abitibi district	301,718.58	44,839.62	6,915,258.27	22,274,322.18	29,234,420.07
Patricia district	36,959.91	8,790.58	39,297.44	4,374,496.02	4,422,584.04
Rural power districts	191,229.49	339.09	....	793,303.31	793,642.40
	614,359.83	91,634.32	8,103,672.03	32,033,705.39	40,229,011.74
Less Grants in aid of construction:					
Province of Ontario for rural power districts	91,383.41	169.55	....	388,183.60	388,353.15
	522,976.42	91,464.77	8,103,672.03	31,645,521.79	39,840,658.59

NORTHERN ONTARIO PROPERTIES

Embracing the Nipissing, Sudbury, Abitibi, Patricia and Rural Power Districts

Held and Operated by The Hydro-Electric Power Commission of Ontario In Trust for the Province of Ontario

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Renewals Reserve—October 31, 1941

Balance at November 1, 1940		$2,346,438.19	
Transferred to contingencies reserve	$(47,634.54)		
Provision in the year	331,141.48		
Interest at 4% on reserve balance	93,857.52		
Adjustments re transfer of equipment	(9,331.18)		
		368,033.28	
		$2,714,471.47	
Expenditures in the year		12,071.56	
Balance at October 31, 1941			$2,702,399.91

Contingencies and Obsolescence Reserve—October 31, 1941

Balance at November 1, 1940		$792,283.48	
Additional provisions plus improvements to October 31, 1940		699,175.12	
		$1,491,458.60	
Transferred from renewals reserve	$ 47,634.54		
Provision in the year	345,498.96		
Interest at 4% on reserve balance	59,658.34		
		452,791.84	
		$1,944,250.44	
Contingencies met with during the year		104,586.36	
Balance at October 31, 1941			$1,839,664.08

Sinking Fund Reserve—October 31, 1941

Balance at November 1, 1940		$5,353,517.87	
Additional provisions plus improvements to October 31, 1940		375,737.55	
		$5,729,255.42	
Provision in the year	$1,113,782.83		
Interest at 4% on reserve balance	229,170.21		
		1,342,953.04	
Balance at October 31, 1941			$7,072,208.46

THE HAMILTON STREET RAILWAY COMPANY

(A Subsidiary of The Hydro-Electric Power Commission of Ontario—
Niagara System)

FINANCIAL ACCOUNTS

For the Year ended October 31, 1941

Balance Sheet as at October 31, 1941

Operating and Income Accounts for the Year ended October 31, 1941

THE HAMILTON STREET

(A Subsidiary of The Hydro-Electric Power

BALANCE SHEET AS AT

ASSETS

Fixed Assets:		
Properties, road and equipment, buses, franchise, etc.		$4,183,422.77
Current Assets:		
Cash in bank	$145,647.30	
Conductors' and employees' advances	12,500.00	
The Hydro-Electric Power Commission of Ontario—Current Account	303,309.89	
Accounts receivable	3,040.74	
Prepayments	5,488.29	
		469,986.22
Materials and Supplies		47,719.08
Reserve Funds—Investments		268,405.00
		$4,969,533.07

RAILWAY COMPANY

Commission of Ontario—Niagara System)

OCTOBER 31, 1941

LIABILITIES

Capital Stock:		
Authorized—80,000 shares at a par value of $50 each	$4,000,000.00	
Issued —64,100 shares at a par value of $50 each		$3,205,000.00
Current Liabilities:		
Rentals accrued		1,200.00
Reserves:		
Depreciation—road and equipment	1,591,159.42	
Insurance	95,736.32	
Miscellaneous	52,110.88	
		1,739,006.62
Surplus		24,326.45
		$4,969,533.07

Auditors' Certificate

We have examined the Accounts of The Hamilton Street Railway Company for the year ended the 31st October, 1941, and report that, in our opinion, the above Balance Sheet is properly drawn up so as to exhibit a true and correct view of the state of the Company's affairs at the 31st October, 1941, according to the best of our information and the explanations given to us and as shown by the books of the Company. We have obtained all the information and explanations we have required.

Oscar Hudson and Co.,
Chartered Accountants,
Auditors.

Dated at Toronto, Ontario,
31st March, 1942.

THE HAMILTON STREET RAILWAY COMPANY

(A Subsidiary of The Hydro-Electric Power Commission of Ontario—Niagara System)
Operating Statement for the Year Ended October 31, 1941

REVENUES:	
Transportation	$1,436,546.33
Other operations	12,866.56
	$1,449,412.89
EXPENSES:	
Maintenance of way and structures	$ 66,269.59
Maintenance of equipment	115,251.24
Electric power and motor fuel	144,969.10
Transportation expenses	364,941.23
General and miscellaneous expenses	112,325.99
Depreciation provision	172,481.77
Taxes (municipal and franchise)	80,791.27
	$1,057,030.19
NET REVENUE FOR YEAR	$ 392,382.70

Surplus Account—as at October 31, 1941

Balance at credit October 31, 1940			$ 9,171.41
Net revenue for year ended October 31, 1941			392,382.70
Income from investments—reserve funds			12,779.69
Appropriated as follows:			
Renewals reserve	$10,417.73		
Insurance reserve	2,361.96		
		$ 12,779.69	
Transferred to renewals reserve		200,000.00	
Dividend—To cover fixed charges on the Commission's investment		177,227.66	
Balance at credit October 31, 1941		24,326.45	
		$ 414,333.80	$ 414,333.80

SECTION X

MUNICIPAL ACCOUNTS

and

Statistical Data Relating to Hydro-Electric Distribution Systems Operated by Individual Municipalities Served by The Hydro-Electric Power Commission of Ontario

The Municipal Accounts section of this report presents in summary, and individually, the results of the operation of the local electrical utilities in municipalities owning their own distributing systems and operating with energy supplied by or through The Hydro-Electric Power Commission.

Financial statements prepared from the books of these "Hydro" utilities are submitted herein to show how each has operated during the past year, and its financial status at the present time. Other tables give useful statistical information respecting average costs for the various classes of service and the rates in force.

The books of account of the electrical utilities in all municipalities which have contracted with The Hydro-Electric Power Commission of Ontario for a supply of power are kept in accordance with an accounting system designed by the Commission. During the year 1941 this standard method of accounting was installed in Smithville.

Periodical inspections are made of the books of all "Hydro" electrical utilities and local officials are assisted in the improvement of their office routine with a view to standardizing, as far as possible, the methods employed. In the majority of the smaller municipalities much of the book-keeping for the electrical utilities is performed by representatives of the municipal accounting department of the Commission as a measure of economy. This arrangement insures the correct application of the standard accounting system, with resultant uniformity in classification of revenues and expenditures; secures true reflections of the actual operating results for the year, and greatly enhances the comparative values of the reports.

The first financial statement in this section presents consolidated balance sheets for each year since 1913, and thus shows the march of progress. It combines the balance sheets of the local municipal utilities of all the systems. It is worth noting that the total plant value has increased from $10,081,469.16

in 1913 to $101,088,593.29 in 1941, and the total assets from $11,907,826.86 to $176,763,091.18. The liabilities have not increased in the same proportion as the assets, rising from $10,468,351.79 to a maximum of $52,685,316.86 in 1932, and receding to $24,183,437.96 in 1941. The reasons for this are the regular fulfilment of debt retirement schedules under serial debenture provisions or by maturity of sinking funds, and also the fact that much of the cost of the increasing plant value has been financed out of reserves and surplus without increasing the capital liabilities of the respective utilities. By this procedure the funds of the systems are used to best advantage. Examination of the results will also show that there is a steady decline in the percentage of net liabilities to total assets; being from 88.0 per cent in 1913 to 14.6 per cent in 1941. The equities in The Hydro-Electric Power Commission's systems automatically acquired through the inclusion of sinking funds as part of the cost of power are not taken into account in arriving at these percentages.

The second financial statement presents consolidated operating reports for each year since "Hydro" service was inaugurated and combines the results from the local municipal utilities of all the systems. After providing for every cost of operation and fixed charges, including the standard provision for depreciation, the combined operating reports show a net surplus of $2,499,774.75 for 1941. (See also diagrams in Foreword to Report.)

The five statements, "A" to "E", following the two consolidated reports show the financial status of each municipal utility and the results of operations, giving classified information respecting revenue, operating costs, number of consumers and consumption, cost of power to municipalities, power and lighting rates charged to consumers, etc. In statements "A" and "B", the municipalities are arranged alphabetically under each system; in statement "D" the municipalities are arranged in three groups—cities, towns and small municipalities; in statements "C" and "E" all municipalities are arranged alphabetically.

Statement "A" presents the balance sheet of each electrical utility. The plant values are shown under the general subdivisions specified in the standard accounting system and the other items on the positive side of the ledger which are included in total assets are self-explanatory.

In conformity with a policy of service at cost to the customer, refunds by cash or credit are made during the year in many municipalities from surplus funds accrued to the credit of municipal services, such as street lighting, water works, sewage disposal, etc. The total thus returned to customers during the year 1941 amounted in round figures to $311,000.00.

In each case the balance sheet includes the credit or charge representing the difference between the monthly payments for power at interim rates and the cost of power as ascertained by the Commission upon annual adjustment.*

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*In 1939 and 1940 a number of municipalities asked permission to take power cost adjustments into the following year, to facilitate the earlier closing of their books. This led to a lack of uniformity in operating statements, and in 1941 it was decided to put all municipalities' accounts on the same basis. On this account the 1941 Balance Sheet shows 1940 Equity in Hydro Commission properties and the Cost of Power in the Operating Statement includes 1940 adjustments.

The reserves for depreciation, and the acquired equity in The Hydro-Electric Power Commission's systems, are listed individually and totalled; and under the heading "surplus" are included not only the free operating surplus but the accumulation of sinking fund applicable to debenture debt and also the amount of debentures already retired out of revenue.

The depreciation reserve now amounts to 29.6 per cent of the total depreciable plant, while the depreciation reserve and surplus combined have already reached the sum of $96,529,043.14, approximately 95.5 per cent of the total plant cost.

Statement "B" shows detailed operating reports for each municipal electrical utility. It gives annual revenues from the various classes of consumers; the items of expenditure which make up the total annual expenditure and the sums set aside for depreciation. The population served by each local utility and the number of consumers of each class are also shown.

The item "purchased power" in this statement includes the debit or credit balances ascertained by the annual adjustment of the cost of power supplied to the municipalities by the Commission.*

Of the 296 municipal electrical utilities included in this statement, 248 received from consumers revenue sufficient to meet in full all operating expenses, interest, debt retirement instalments, and standard depreciation reserve allocation and to yield an aggregate net surplus of $2,576,691.38 for the year; 39 were able to defray out of revenue all such charges except a portion of the standard depreciation allocation aggregating $67,136.58, in the case of 9 utilities the revenue was less than the total operating expenses, interest and debt requirement instalments by $3,315.05.

Statement "C" shows the installation of street lights in each municipality together with the rates approved by this Commission, the revenue for 1941, and the cost per capita in each municipality.

Statement "D" presents statistics relating to the supply of electrical energy to consumers in Ontario municipalities served by the Commission. It shows the revenue, kilowatt-hour consumption, number of consumers, average monthly consumption, average monthly bill and the net average cost per kilowatt-hour both for domestic and for commercial light service in each municipality. For power service this statement shows the revenue, the number of consumers and the average horsepower supplied by the municipal utility.† For further reference to this informative statement, consult the special introduction to it on page 318.

Statement "E" presents the cost per horsepower of the power provided for and delivered to the municipalities by the Commission, and the local rates to consumers in force in the respective municipalities, during the year 1941, for domestic service, for commercial light service and for power service.

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*See footnote on previous page.

†The statistics include retail power only. Wholesale industrial power as supplied by the Commission direct, is reported in Section IX.

CONSOLIDATED

YEAR	1913	1914	1915
Number of municipalities included	45	69	99
ASSETS	$ c.	$ c.	$ c.
Lands and buildings	626,707.34	791,732.20	873,838.18
Substation equipment	1,090,875.69	1,476,087.84	1,582,062.56
Distribution system—overhead	2,690,834.74	3,422,763.93	4,234,626.05
Distribution system—underground	644,514.24	807,153.53	928,420.77
Line transformers	615,546.20	787,613.52	981,754.70
Meters	840,606.64	1,172,475.11	1,418,165.08
Street lighting equipment—regular	900,614.80	1,071,255.37	1,309,628.49
Street lighting equipment—ornamental	62,765.34	270,386.55	197,644.82
Miscellaneous construction expenses	866,551.89	2,062,035.90	1,701,182.66
Steam or hydraulic plant	1,401,175.28	420,108.33	461,651.60
Old plant	341,277.00	619,513.12	1,184,372.86
Total plant	10,081,469.16	12,901,125.40	14,873,347.77
Bank and cash balance	450,887.97	422,350.12	284,653.96
Securities and investments			
Accounts receivable	344,487.95	561,873.08	602,920.69
Inventories	540,274.58	615,226.76	726,556.76
Sinking fund on local debentures	431,747.27	625,217.03	868,983.78
Equity in H-E.P.C. systems			
Other assets	58,959.93	123,410.97	326,801.11
Total assets	11,907,826.86	15,249,203.36	17,683,264.07
LIABILITIES			
Debenture balance	8,711,308.37	10,678,078.36	11,831,811.03
Accounts payable	1,553,711.45	1,682,150.29	2,040,038.01
Bank overdraft	160,919.16	228,622.50	292,106.44
Other liabilities	42,412.81	113,838.66	37,388.31
Total liabilities	10,468,351.79	12,702,689.81	14,201,343.79
RESERVES			
For equity in H-E.P.C. systems			
For depreciation	478,145.88	850,618.07	1,337,739.73
Other reserves			
Total reserves	478,145.88	850,618.07	1,337,739.73
SURPLUS			
Debentures paid	202,751.26	320,129.10	394,466.22
Local sinking fund	431,747.27	625,217.03	868,983.78
Operating surplus	326,830.66	750,549.35	880,730.55
Total surplus	961,329.19	1,695,895.48	2,144,180.55
Total liabilities, reserves and surplus	11,907,826.86	15,249,203.36	17,683,264.07
Percentage of net debt to total assets	88.0	88.3	80.3

NOTE—In computing the "percentage of net debt to total assets" the ornamental street lighting capital, sinking fund on local debentures, and equity in H-E.P.C. systems, are excluded

BALANCE SHEET

1916	1917	1918	1919	1920	1921
128	143	166	191	195	215
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
1,335,936.33	1,546,241.41	1,859,888.69	1,995,545.83	2,175,568.24	3,230,985.63
1,934,626.12	2,471,293.82	2,820,488.70	2,915,125.56	3,231,050.80	5,403,689.90
4,832,353.27	6,090,073.42	6,627,237.39	7,445,820.31	8,579,881.49	8,397,361.48
1,095,709.62	1,157,059.90	1,216,288.59	1,206,296.88	1,313,369.29	1,401,135.97
1,179,132.07	1,483,839.44	1,772,691.35	2,073,113.45	2,560,581.59	3,077,649.83
1,711,299.49	1,999,095.48	2,238,143.70	2,587,566.32	3,053,135.20	3,552,076.79
1,251,057.13	1,237,734.69	1,200,625.65	1,206,638.71	1,269,006.98	1,335,997.13
306,388.95	361,975.74	531,502.61	546,497.68	557,678.13	610,586.70
2,059,263.42	2,184,015.84	2,395,096.50	2,530,101.08	2,697,636.12	3,030,134.16
864,500.01	896,753.20	214,575.75	986,200.57	757,194.47	704,848.46
759,748.66	649,852.51	1,476,413.00	805,959.89	864,298.39	912,388.55
17,330,015.07	20,077,935.45	22,352,951.93	24,298,866.28	27,059,400.70	31,656,854 60
1,061,029.90	340,026.50	391,194.91	462,437.23	943,858.12	900,842.34
....	....	....	627,076.53	341,855.88	477,678.69
695,152.23	1,285,097.33	1,124,018.44	1,921,166.69	2,022,538.88	2,155,788.62
764,504.59	1,261,398.36	972,996.96	1,032,569.75	1,400,671.89	1,504,596.28
1,166,017.73	1,337,578.96	1,663,298.05	1,925,455.77	2,244,004.34	2,541,718.35
....	....	....	369,071.89	577,584.06	795,570.51
342,215.87	125,240.05	444,787.63	86,216.05	25,447.07	78,929.84
21,358,935.39	24,427,276.65	26,949,247.92	30,722,860.19	34,615,360.94	40,111,979 23
15,058,641.57	15,593,773.61	17,209,217.70	18,133,462.44	19,268,072.04	21,619,220.99
969,187.75	1,537,669.11	1,007,727.79	1,420,926.66	1,840,137.54	1,887,567.93
178,413.26	886,177.94	576,816.49	403,235.57	514,671.99	989,099.98
491,874.90	429,104.20	350,013.21	670,271.90	642,293.65	938,368.84
16,698,117.48	18,446,724.86	19,143,775.19	20,627,896.57	22,265,175.22	25,434,257.74
....	....	....	373,871.89	577,584.06	800,249.05
1,843,804.68	2,463,723.83	3,133,550.17	3,750,162.28	4,788,645.03	5,491,858.93
....	....	....	....	....	....
1,843,804.68	2,463,723.83	3,133,550.17	4,124,034.17	5,366,229.09	6,292,107.98
549,778.59	694,797.90	920,076.56	1,328,657.68	1,440,156.52	1,860,079.53
1,165,785.94	1,340,615.38	1,662,602.69	1,754,020.37	2,246,474.47	2,541,718.35
1,101,448.70	1,481,414.68	2,089,243.31	2,888,251.40	3,297,325.64	3,983,815.63
2,817,013.23	3,516,827.96	4,671,922.56	5,970,929.45	6,983,956.63	8,385,613.51
21,358,935.39	24,427,276.65	26,949,247.92	30,722,860.19	34,615,360.94	40,111,979.23
78.4	75.5	71.0	67.9	65.4	64.7

from assets and the total liabilities are reduced by the amount of the local sinking fund reserve, and the liability in respect to the ornamental street lighting capital, which amount is included in other liabilities.

CONSOLIDATED

YEAR	1922	1923	1924
Number of municipalities included	226	235	248
ASSETS	$ c.	$ c.	$ c.
Lands and buildings	3,334,522.68	4,488,054.93	4,561,648.92
Substation equipment	5,046,857.98	6,015,919.75	6,800,238.00
Distribution system—overhead	11,165,330.24	13,135,581.76	14,182,190.33
Distribution system—underground	1,598,053.02	1,959,120.41	2,873,446.13
Line transformers	3,618,684.73	4,211,655.89	4,456,669.02
Meters	4,033,689.52	4.548,933.73	5,149.629 71
Street lighting equipment—regular	1,419,016.05	1.061,473.85	1,134,491.77
Street lighting equipment—ornamental	666,084.50	708,431.22	728,298.08
Miscellaneous construction expenses	3,261,495.74	3,681.274.88	4,168.262.21
Steam or hydraulic plant	565,158.54	566,619.86	4,196,803.45
Old plant	7,997,947.87	8,051,496.28	5,587,420.31
Total plant	42,706,840.87	48,428,562.56	53,839.097.93
Bank and cash balance	1,164,336.24	1,276,140.06	1,748,912.34
Securities and investments	443,938.18	1,153,424.47	1.329,622.58
Accounts receivable	3,874,317.14	3,198,769.34	3,898,751.89
Inventories	1,738,795.96	1,819.711.62	1,745,628.16
Sinking fund on local debentures	3,416,231.45	3,896,261.28	4,520,723.06
Equity in H-E.P.C. systems	1,543,434.12	2,929,603.94	5,420,567.58
Other assets	238,940.13	190,071.63	250,292.77
Total assets	55,126.834,09	62,892,544.90	72,753,596.31
LIABILITIES			
Debenture balance	30,454.186.12	33,056,501.29	38,005,162.50
Accounts payable	3,699,292.52	3.708,781.76	3,117,224.08
Bank overdraft	456,706.69	680,714.59	162,100.71
Other liabilities	586,203.02	1,517,828.47	1,780.564.27
Total liabilities	35,196,388.35	38,963,826.11	43,065.051.56
RESERVES			
For equity in H-E.P.C. systems	1,543,434.12	2,929,603.94	5,420,567.58
For depreciation	6,512,813.92	7,328,858.69	8,097,834.68
Other reserves	....	....	....
Total reserves	8,056,248.04	10,258,462.63	13,518,402.26
SURPLUS			
Debentures paid	3,104,591.15	2,852,038.38	3,530,610.35
Local sinking fund	3,416,231.45	3,896,261.28	4,520,723.06
Operating surplus	5,353,375.10	6,921,956.50	8,118,809.08
Total surplus	11,874,197.70	13.670,256.16	16.170,142.49
Total liabilities, reserves and surplus	55,126,834.09	62,892,544.90	72,753,596.31
Percentage of net debt to total assets	63.3	62.6	61.4

BALANCE SHEET—Continued

1925	1926	1927	1928	1929	1930
247	251	252	256	260	267
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
5,768,855.99	6,111,162.54	6,486,426.89	7,024,646.76	7,469,451.46	7,936,974.31
8,543,166.55	9,505,501.77	15,088,905.14	16,866,186.21	18,102,792.13	19,485,056.28
16,837,535.57	18,654,240.54	16,689,462.41	17,688,050.68	18,108,016.82	19,220,326.48
3,388,837.09	3,689,569.95	3,278,382.58	3,559,288.16	4,823,369.60	4,932,189.05
5,079,754.23	5,538,605.24	5,985,521.37	6,549,674.64	7,312,742.17	7,953,090.23
5,533,483.92	5,963,162.51	6,346,660.59	6,839,802.90	7,405,478.91	7,840,948.07
1,256,916.53	1,309,608.30	1,399,314.06	1,486,646.24	1,594,183.25	1,780,785.67
893,186.48	1,103,660.23	1,184,035.82	1,203,706.65	1,458,349.64	1,520,891.01
4,485,110.96	3,456,777.71	3,360,671.09	3,394,626.92	3,483,487.78	3,996,747.77
568,912.49	628,909.57	607,320.00	619,880.93	489,097.67	139,587.28
4,549,142.46	4,655,422.59	5,095,555.90	5,032,089.26	5,093,378.75	5,322,690.14
56,904,902.27	60,616,620.95	65,522,255.85	70,264,599.35	75,340,348.08	80,129,286.29
1,700,145.30	2,136,290.79	3,014,832.48	1,342,367.07	858,733.68	2,722,250.12
1,095,662.92	1,400,316.43	1,696,237.66	1,837,140.51	2,001,088.81	1,909,439.11
3,417,558.86	3,508,817.87	3,715,770.72	4,097,446.13	4,683,201.97	4,481,006.92
1,711,504.13	1,397,667.83	1,412,729.41	1,220,186.10	1,365,033.58	1.242,994.51
5,202,451.70	5,599,675.01	6,398,909.77	7,071,273.69	7,753,613.88	8,396,255.47
7,551,588.70	8,046,868.53	10,143,205.66	12,326,097.56	14,754,865.40	17,346,372.44
137,280.05	33,151.81	31,942.45	153,275.04	152,260.86	173,030.05
77,721,093.93	82,739,409.22	91,935,884.00	98,312,385.45	106,909,146.26	116,400,634.91
37,919,225.01	39,602,533.48	42,891,361.57	42,597,175.78	42,930,127.74	45,091,808.06
3,139,067.92	3,118,684.78	2,988,621.90	3,074,634.25	3,132,145.03	3,001,186.21
226,147.82	163,725.53	252,362.52	253,143.81	412,056.69	405,663.14
1,075,914.83	1,087,795.08	1,154,810.24	1,258,610.23	1,621,378.17	1,642,771.59
42,360,355.58	43,972,738.87	47,287,156.23	47,183,564.07	48,095,707.63	50,141,429.00
7,551,588.70	8,046,868.53	10,143,205.66	12,326,097.56	14,754,865.40	17,346,372.44
8,699,437.68	9,360,322.27	10,319,889.05	11,140,795.68	11,911,154.49	12,885,387.51
1,157,147.20	947,970.23	1,002,916.69	1,117,257.63	1,437,371.26	1,574,655.74
17,408,173.58	18,355,161.03	21,466,011.40	24,584,150.87	28,103,391.15	31,806,415.69
4,440,138.34	5,493,879.83	6,648,767.38	7,928,907.61	9,194,253.59	10,728,279.15
5,202,451.70	5,599,675.01	6,398,909.77	7,071,273.69	7,962,121.20	8,396,255.47
8,309,974.73	9,317,954.48	10,135,039.22	11,544,489.21	13,553,672.69	15,328,255.60
17,952,564.77	20,411,509.32	23,182,716.37	26,544,670.51	30,710,047.48	34,452,790.22
77,721,093.93	82,739,409.22	91,935,884.00	98,312,385.45	106,909,146.26	116,400,634.91
57.2	55.5	54.2	50.8	47.8	46.0

CONSOLIDATED

YEAR	1931	1932	1933
Number of municipalities included	275	280	282
ASSETS	$ c.	$ c.	$ c.
Lands and buildings	8,407,664.48	9,503,743.78	10,186,471.28
Substation equipment	21,013,956.74	22,288,781.68	22,306,800.94
Distribution system—overhead	19,918,355.76	20,866,767.32	21,152,681.20
Distribution system—underground	5,361,627.24	5,820,056.75	5,945,225.61
Line transformers	8,649,875.07	9,392,662.62	9,478,605.14
Meters	8,106,202.88	8,403,251.67	8,514,165.03
Street lighting equipment—regular	2,205,613.18	2,257,618.20	2,381,599.40
Street lighting equipment—ornamental	1,456,742.91	1,545,354.93	1,458,443.68
Miscellaneous construction expenses	3,827,132.05	4,120,926.11	4,040,859.74
Steam or hydraulic plant	458,374.05	498,231.69	502,978.62
Old plant	7,146,437.96	4,989,654.97	5,016,755.92
Other plants not distributed	....	200,000.00	200,000.00
Total plant	86,551,982.32	89,887,049.72	91,184,586.56
Bank and cash balance	2,738,319.67	3,185,442.00	1,696,489.24
Securities and investments	1,999,846.42	2,059,325.10	2,163,785.20
Accounts receivable	3,957,972.78	3,683,059.42	3,746,910.92
Inventories	1,276,531.01	1,232,209.52	1,226,043.30
Sinking fund on local debentures	8,735,050.84	9,099,210.61	9,386,176.58
Equity in H-E.P.C. systems	20,103,275.76	23,066,129.81	26,045,679.00
Other assets	174,879.28	163,637.79	253,581.84
Total assets	125,537,858.08	132,376,063.97	135,703,252.64
LIABILITIES			
Debenture balance	44,594,400.03	45,133,305.97	42,606,145.29
Accounts payable	5,382,306.13	3,512,724.58	3,320,485.45
Bank overdraft	312,575.54	298,910.20	206,398.00
Other liabilities	1,909,986.13	3,740,376.11	3,787,725.14
Total liabilities	52,199,267.83	52,685,316.86	49,920,753.88
RESERVES			
For equity in H-E.P.C. systems	20,103,275.76	23,066,129.81	26,045,679.00
For depreciation	13,748,049.68	14,902,177.02	16,075,959.28
Other reserves	1,693,129.83	1,902,308.64	2,048,081.84
Total reserves	35,544,455.27	39,870,615.47	44,169,720.12
SURPLUS			
Debentures paid	13,150,040.37	15,244,778.28	17,651,367.71
Local sinking fund	8,735,050.84	9,099,210.61	9,386,176.58
Operating surplus	15,909,043.77	15,476,142.75	14,575,234.35
Total surplus	37,794,134.98	39,820,131.64	41,612,778.64
Total liabilities, reserves and surplus	125,537,858.08	132,376,063.97	135,703,252.64
Percentage of net debt to total assets	44.1	43.4	40.4

BALANCE SHEET—Continued

1934	1935	1936	1937	1938
282	284	283	287	288
$ c.	$ c.	$ c.	$ c.	$ c.
10,262,692.98	10,381,191.41	10,528,595.34	10,785,473.59	10,894,019.12
22,327,618.75	22,072,115.14	22,162,208.03	22,900,269.21	23,614,597.80
21,353,725.80	21,650,567.75	22,163,701.17	22,699,652.43	23,371,092.61
6,031,767.74	6,068,724.47	6,070,337.02	6,100,282.76	6,134,283.64
9,635,279.35	9,678,578.13	9,845,939.94	10,128,591.29	10,494,789.40
8,624,504.78	8,767,892.27	9,043,615.65	9,234,773.90	9,539,413.66
2,395,296.48	2,420,238.81	2,527,188.03	2,610,137.97	2,697,047.84
1,464,306.73	1,486,302.46	1,504,596, 77	1,508,564.76	1,516,059.81
3,907,359.92	3,616,986.74	4,019,430.59	4,389,592.08	4,444,880.40
494,932.96	496,050.14	496,186.33	496,186.33	497,974.74
4,978,079.44	4,917,917.43	4,876,405.43	4,878,609.01	4,897,097.67
200,000.00	200,000.00	200,000.00	....	....
91,675,564.93	91,756,564.75	93,438,204.30	95,732,133.33	98,101,256.69
2,215,914.31	2,927,485.90	3,921,121.28	3,080,864.13	3,043,609.87
2,382,446.41	2,593,633.59	2,924,913.30	4,469,369.04	4,832,322.57
4,001,596.09	4,363,297.95	4,560,713.55	4,240,741.41	4,106,655.16
1,110,705.38	1,212,063.37	1,261,843.81	1,336,527.60	1,393,158.18
9,161,419.77	9,086,152.46	9,535,712.83	10,003,873.93	10,397,958.20
29,274,340.46	32,609,979.83	36,193,874.21	40,032,438.34	44,254,118.64
289,158.19	301,317.86	203,167.35	186,252.23	178,534.60
140,111,145.54	144,850,495.71	152,039,550.63	159,082,200.01	166,307,613.91
39,646,989.68	36,667,080.62	34,485,507.43	32,447,411.68	29,987,512.34
3,149,035.07	2,931,934.14	2,879,497.45	2,912,960.24	3,334,802.82
143,556.95	72,084.93	25,559.95	34,787.51	108,753.61
3,669,008.56	3,462,906.61	3,267,141.59	3,216,028.08	3,120,619.84
46,608,590.26	43,134,006.30	40,657,706.42	38,611,187.51	36,551,688.61
29,274,340.46	32,609,979.83	36,193,874.21	40,032,438.34	44,254,118.64
17,426,809.32	18,410,891.84	19,666,170.18	21,034,164.68	22,583,476.69
2,056,820.81	2,459,074.98	2,763,100.40	2,802,650.84	2,814,785.08
48,757,970.59	53,479,946.65	58,623,144.79	63,869,253.86	69,652,380.41
20,608,129.73	23,481,974.13	26,084,294.84	28,468,539.78	30,890,189.93
9,161,419.77	9,086,152.46	9,535,712.83	10,003,873.93	10,397,958.20
14,975,035.19	15,668,416.17	17,138,691.75	18,129,344.93	18,815,396.76
44,744,584.69	48,236,542.76	52,758,699.42	56,601,758.64	60,103,544.89
140,111,145.54	144,850,495.71	152,039,550.63	159,082,200 01	166,307,613.91
35.9	32.0	28.3	25.2	22 4

CONSOLIDATED BALANCE SHEET—Concluded

YEAR	1939	1940	1941
Number of municipalities included	293	295	296
ASSETS	$ c.	$ c.	$ c.
Lands and buildings	11,030,623.50	11,218,258.69	11,488,173.96
Substation equipment	23,780,655.18	24,282,151.78	24,896,262.26
Distribution system—overhead	23,925,362.60	24,653,458.44	25,228,363.52
Distribution system—underground	6,202,371.87	6,214,957.69	6,391,399.25
Line transformers	10,855,346.75	11,030,643.29	11,817,440.89
Meters	9,838,600.98	9,927,971.40	10,644,655.81
Street lighting equipment—regular	2,798,171.62	2,879,996.65	2,940,055.38
Street lighting equipment—ornamental	1,518,035.24	1,534,320.08	1,540,369.82
Miscellaneous construction expenses	4,147,280.84	4,341,259.94	4,366,893.41
Steam or hydraulic plant	498,650.81	498,575.87	445,118.58
Old plant	4,894,655.59	1,332,606.12	1,329,860.41
Total plant	99,489,754.98	97,914,199.95	101,088,593.29
Bank and cash balance	3,107,087.65	4,462,197.18	2,991,173.27
Securities and investments	4,850,531.80	5,315,855.49	8,368,139.57
Accounts receivable	4,774,816.58	4,715,848.86	4,116,252.29
Inventories	1,496,275.62	1,630,987.28	1,984,025.53
Sinking fund on local debentures	11,032,594, 44	5,829,573.87	5,530,647.79
Equity in H-E.P.C. systems	48,615,296.94	52,457,676.76	52,458,225.18
Other assets	156,520.39	258,395.70	226,034.26
Total assets	173,522,878.40	172,584,735.09	176,763,091.18
LIABILITIES			
Debenture balance	27,962,685.51	20,636,363.20	17,805,415.36
Accounts payable	3,100,565.26	3,095,613.25	3,088,145.27
Bank overdraft	180,064.81	187,038.91	302,744.63
Other liabilities	2,998,174.20	3,004.624,22	2,987,132.70
Total liabilities	34,241,489.78	26,923,638.58	24,183,437.96
RESERVES			
For equity in H-E.P.C. systems	48,615,296.94	52,457,676.76	52,458,225.18
For depreciation	24,046,526.92	25,733,628.33	27,795,985.72
Other reserves	3,090,471.34	3,326,591.65	3,592,384.90
Total reserves	75,752,295.20	81,517,896.74	83,846,595.80
SURPLUS			
Debentures paid	32,866,660.82	37,245,922.84	39,943,340.75
Local sinking fund	11,032,594.44	5,829,573.87	5,530,647.79
Operating surplus	19,629,838.16	21,067,703.06	23,259,068.88
Total surplus	63,529,093.42	64,143,199.77	68,733,057.42
Total liabilities, reserves and surplus	173,522,878.40	172,584,735.09	176,763,091.18
Percentage of net debt to total assets	19.3	17.4	14.6

CONSOLIDATED OPERATING REPORT

YEAR	1912	1913	1914	1915
Number of municipalities included	28	45	69	99
EARNINGS	$ c.	$ c.	$ c.	$ c.
Domestic service		572,154.38	789,130.81	944,271.08
Commercial light service		525,438.16	673,803.92	720,209.26
Commercial power service		905,378.17	1,214,829.31	1,501,797.78
Municipal power				
Street lighting		560,925.56	698,409.71	835,970.87
Rural service				
Miscellaneous		53,543.24	57,482.41	68,046.29
Total earnings	1,617,674.00	2,617,439.51	3,433,656.16	4,070,295.28
EXPENSES				
Power purchased		789,632.87	1,045,752.65	1,484,666.00
Substation operation		78,394.81	97,658.90	107,607.31
Substation maintenance		18,698.46	31,790.99	25,935.56
Distribution system, operation and maintenance		104,114.51	130,998.65	154,409.71
Line transformer maintenance		8,547.61	11,764.32	11,508.92
Meter maintenance		5,222.19	9,536.07	12,899.14
Consumers' premises expenses		53,108.38	65,192.23	47,494.26
Street lighting, operation and maintenance		84,903.76	113,047.80	136,983.38
Promotion of business		72,303.51	86,683.02	74,402.55
Billing and collecting		77,351.76	103,560.71	131,541.27
General office, salaries and expenses		154,932.69	230,899.75	236,777.86
Undistributed expense		65,423.64	89,350.91	129,209.15
Interest		528,549.21	662,092.34	817,978.89
Sinking fund and principal payments on debentures		*	*	*
Total expenses	1,377,168.00	2,041,183.40	2,678,328.34	3,371,414.00
Surplus	240,506.00	576,256.11	755,327.82	698,881.28
Depreciation and other reserves	124,992.47	262,675.24	357,883.31	414,506.99
Surplus less depreciation	115,513.53	313,580.87	397,444.51	284,374.29

*Debenture payments included in "Interest."

CONSOLIDATED

YEAR	1916	1917	1918
Number of municipalities included	128	143	166
EARNINGS	$ c.	$ c.	$ c.
Domestic service	1,172,878.96	1,417,460.31	1,632,272.12
Commercial light service	812,130.78	899,023.72	968,399.42
Commercial power service	1,921,152.31	2,665,280.65	3,417,248.37
Municipal power			
Street lighting	930,057.48	967,495.10	902,875.55
Rural service			
Miscellaneous	147,381.50	120,805.39	161,243.70
Total earnings	4,983,601.03	6,070,065.17	7,082,039.16
EXPENSES			
Power purchased	1,959,446.83	2,573,879.37	2,807,769.33
Substation operation	153,761.08	203,091.20	238,257.34
Substation maintenance	46,131.53	42,129.04	60,805.92
Distribution system, operation and maintenance	154,247.17	169,326.24	223,347.81
Line transformer maintenance	14,528.17	25,328.95	30,488.83
Meter maintenance	24,218.48	44,461.55	63,155.56
Consumers' premises expenses	52,602.01	61,765.14	65,149.59
Street lighting, operation and maintenance	145,471.50	157,857.73	196,157.18
Promotion of business	79,324.85	73,516.37	64,962.78
Billing and collecting	154,508.58	188,083.84	208,660.76
General office, salaries and expenses	306,709.35	349,932.05	421,680.15
Undistributed expense	97,333.97	102,938.80	117,474.07
Interest	951,781.99	1,085,180.80	1,238,425.53
Sinking fund and principal payments on debentures	*	*	*
Total expenses	4,140,065.51	5,077,491.08	5,736,334.85
Surplus	843,535.52	992,574.09	1,345,704.31
Depreciation and other reserves	486,141.80	607,296.29	718,162.30
Surplus less depreciation	357,393.72	385,277.80	627,542.01

*Debenture payments included in "Interest."

OPERATING REPORT—Continued

1919	1920	1921	1922	1923	1924
181	186	205	214	224	241
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
1,991,632.31	2,546,345.30	3,149,080.03	3,786,608.23	5,166,452.24	5,993,231.07
1,175,143.56	1,512,854.63	1,851,501.76	2,158,306.34	3,260,772.50	3,566,227.22
3,443,107.13	3,752,188.22	3,895,437.46	4,383,912.97	5,927,666.37	6,222,865.88
....	532,279.09	654,531.01	973,263.38	1,161,598.60	1,352,966.47
988,900.95	1,005,535.11	1,060,357.77	1,160,446.81	1,269,604.48	1.356,668.97
....	168,919.95	145,566.57	105,877.09	116,639.06	75,100.24
228,270.65	189,778.63	225,467.70	187,689.39	316,311.21	231,663.58
7,827,054.60	9,707,900.93	10,981,942.30	12,756,104.21	17,219,044.46	18,798,723.43
3,284,490.68	4,216,667.87	4,876,650.31	6,636,853.37	8,699,026.67	9,669,789.40
217,638 89	285,407.35	314,838.35	315,443.70	474,442.13	430,056.09
81,853.63	102,050.81	104,798.01	100,763.67	133,815.53	202,050.04
286,310.76	344,551.57	487,918.33	519,252.16	636,477.41	648,700.62
42,509.12	46,323.09	65,088.46	52,932.26	75,920.10	82,936.50
78,726.64	123,701.18	116,722.97	107,806.88	139,104.81	141,231.23
84,301.24	116,283.52	134,854.92	143,388.88	218,682.02	237,316.20
215,963.86	236,930.79	297,481.52	297,363.86	299,579.08	269,973.30
74,789.22	78,294.85	101,804.46	129,932.63	184,371.00	202,060.74
236,504.75	295,942.88	321,685.71	338,153.50	444,306.92	490,273.30
452,131.22	559,695.29	656,268.11	605,852.50	937,463.47	889,907.66
190,690.09	256,400.33	308,874.42	385,895.03	359,206.91	494,078.50
1,285,571.51	1,431,807.16	998,611.47	1,074,657.44	1,615,205.16	1,779,991.26
*	*	532,183.96	635,469.90	990,907.14	1,122,798.87
6,531,481.61	8,094,056.69	9,317,781.00	11,343,765.78	15,208,508.35	16,661,163.71
1,295,572.99	1,613,844.24	1,664,161.30	1,412,338.43	2,010,536.11	2,137,559.72
814,219.37	902,028.75	1,044,434.85	715,814.24	916,782.75	973,649.62
481,353.62	711,815.49	619,726.45	696,524.19	1,093,753.36	1,163,910.10

CONSOLIDATED

YEAR	1925	1926	1927
Number of municipalities included	242	248	251
EARNINGS	$ c.	$ c.	$ c.
Domestic service	6,439,159.86	7,372,602.62	8,189,866.89
Commercial light service	3,866,292.79	4,187,899.19	4,626,815.51
Commercial power service	6,568,854.77	6,789,217.54	7,342,173.20
Municipal power	1,923,093.09	1,922,512.34	1,913,502.88
Street lighting	1,415,382.22	1,457,686.21	1,489,242.37
Rural service	37,975.18	37,810.73	13,765.72
Miscellaneous	286,451.08	471,134.15	581,913.04
Total earnings	20,537,208.99	22,238,862.78	24,157,279.61
EXPENSES			
Power purchased	11,063,123.34	12,185,669.10	13,505,583.77
Substation operation	417,921.71	450,416.84	430,211.76
Substation maintenance	207,497.63	286,520.37	275,148.86
Distribution system, operation and maintenance	686,344.54	795,514.70	758,747.10
Line transformer maintenance	75,473.28	74,876.11	94,706.38
Meter maintenance	156,909.55	189,603.70	214,813.87
Consumers' premises expenses	252,808.47	275,020.62	285,352.68
Street lighting, operation and maintenance	275,316.60	295,869.37	318,395.79
Promotion of business	217,102.24	234,696.74	220,687.60
Billing and collecting	521,134.01	557,271.54	605,627.58
General office, salaries and expenses	891,640.29	786,742.60	824,868.90
Undistributed expense	520,584.58	460,288.30	531,003.80
Truck operation and maintenance	....	....	....
Interest	1,889,810.95	1,985,233.73	2,063,698.00
Sinking fund and principal payments on debentures	1,294,027.29	1,347,511.92	1,505,626.31
Total expenses	18,469,694.48	19,925,235.64	21,634,472.40
Surplus	2,067,514.51	2,313,627.14	2,522,807.21
Depreciation and other reserves	1,068,880.42	1,146,273.05	1,249,711.65
Surplus less depreciation	998,634.09	1,167,354.09	1,273,095.56

OPERATING REPORT—Continued

1928	1929	1930	1931	1932	1933
255	259	267	275	280	282
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
8,925,050.56	9,873,681.57	10,542,903.89	10,972,952.10	11,447,307.85	11,429,101.13
5,182,723.32	5,697,766.06	5,961,383.23	6,230,475.89	6,243,794.01	6,013,025.96
8,298,669.44	9,376,158.74	9,340,653.28	9,456,224.97	9,356,693.88	9,080,522.07
1,921,300.97	2,086,444.24	2,111,482.38	1,967,118.54	1,859,585.35	1,826,872.07
1,534,476.98	1,598,262.43	1,674,528.03	1,746,855.24	1,783,972.46	1,779,582.48
*48,451.90	*51,590.54	*28,954.60	*29,446.38	*11,069.27	*12,812.74
465,791.92	522,780.95	581,914.78	511,139.80	513,787.30	485,925.43
26,376,465.09	29,206,684.53	30,241,820.19	30,914,212.92	31,216,210.12	30,627,841.88
14,688,570.08	16,379,162.88	17,323,077.97	18,085,166.51	19,109,036.25	19,330,861.58
420,512.48	461,270.27	479,502.48	487,484.17	503,351.82	484,764.57
247,647.88	274,275.56	320,716.48	303,536.11	300,186.15	288,583.29
736,159.85	907,817.04	991,972.86	1,015,256.14	969,750.51	895,350.99
88,676.18	93,608.14	96,746.35	93,463.24	95,485.55	82,321.32
218,530.96	242,126.27	278,379.43	284,633.88	300,104.85	283,115.98
291,333.03	314,495.03	317,902.45	363,078.47	368,208.73	361,499.20
329,597.16	359,373.40	372,211.07	368,119.49	360,709.76	353,082.15
249,842.01	250,844.28	249,070.05	255,956.03	266,760.84	259,936.42
638,797.02	695,729.42	745,159.02	792,983.99	818,721.33	817,660.03
844,578.55	904,025.64	907,226.89	923,676.84	960,558.88	903,517.79
542,755.34	502,206.06	523,862.96	520,893.10	436,692.96	349,101.36
....	110,630.62	112,029.82	107,918.93	112,059.90	105,452.68
2,111,049.49	2,152,695.49	2,220,214.45	2,328,094.32	2,532,940.93	2,426,286.35
1,601,711.32	1,687,201.64	1,828,061.62	2,061,718.79	2,244,367.86	2,319,319.09
23,009,761.35	25,335,461.74	26,766,134.00	27,991,980.01	29,378,936.42	29,265,852.80
3,366,703.74	3,871,222.79	3,475,686.19	2,922,232.91	1,837,273.70	1,361,989.08
1,350,252.16	1,469,846.83	1,574,991.68	1,775,330.69	1,920,896.22	1,989,000.41
2,016,451.58	2,401,375.96	1,900,694.51	1,146,902.22	*83,622.52* (loss)	*627,011.33* (loss)

*Profits from the sale of merchandise. Rural service now given in Rural Power Districts.

CONSOLIDATED

YEAR	1934	1935	1936
Number of municipalities included	282	284	283
EARNINGS	$ c.	$ c.	$ c.
Domestic service	11,844,033.10	12,145,219.89	12,682,140.18
Commercial light service	6,206,086.35	6,458,748.57	6,815,439.16
Commercial power service	9,692,784 37	10,211,968.71	10,694,192.44
Municipal power	1,875,969.80	1,821,285.82	1,817,986.94
Street lighting	1,777,596.69	1,788,760.38	1,799,420.87
Merchandise	18,747.73	21,669.98	23,158.76
Miscellaneous	555,172.04	562,285.82	575,825.49
Total earnings	31,970,390.08	33,009,939.17	34,408,163.84
EXPENSES			
Power purchased	19,591,887.79	20,053,676.40	20,486,582.65
Substation operation	468,944.09	478,813.83	478,855.71
Substation maintenance	296,550.52	297,127.27	301,897.24
Distribution system, operation and maintenance	844,813.95	830,633.88	855,576.02
Line transformer maintenance	75,172.18	70,749 63	72,711.67
Meter maintenance	291,402.79	313,234 11	328,410.90
Consumers' premises expenses	352,499.09	340,761.52	306,644.80
Street lighting, operation and maintenance	338,784.80	340,120.36	356,932.01
Promotion of business	228,741.36	252,648.33	288,338.93
Billing and collecting	827,860.20	835,375.90	945,892.70
General office, salaries and expenses	908,039.75	943,880.18	967,269.06
Undistributed expense	362,322.12	360,676.96	448,332.98
Truck operation and maintenance	98,081.61	95,150.54	69,805.06
Interest	2,204,994.25	2,040,130.35	1,893,304.28
Sinking fund and principal payments on debentures	2,358,169.12	2,423,088.34	2,448,223.80
Total expenses	29,248,263.62	29,686,067.60	30,248,777.81
Surplus	2,722,126.46	3,323,871.57	4,159,386.03
Depreciation and other reserves	2,036,637.33	2,076,322.24	2,230,021.86
Surplus less depreciation	685,489.13	1,247,549 33	1,929,364.17

OPERATING REPORT—Concluded

1937	1938	1939	1940	1941
287	288	293	295	296
$ c.	$ c.	$ c.	$ c.	$ c.
12,448,345.63	12,607,601.30	13,038,748.37	13,705,710.79	14,287,828.19
6,510,685.15	6,727,374.48	7,077,144.74	7,642,679.90	7,885,693.81
11,063,764.43	10,527,631.36	10,957,719.66	12,458,439.08	14,591,053.03
1,731,311.34	1,677,069.34	1,760,977.25	1,741,235.23	1,832,379.38
1,781,363.37	1,813,555.27	1,831,090.33	1,842,443.63	1,880,560.01
22,971.02	26,588.18	28,874.86	56,818.83	58,695.51
607,035.54	602,012.80	595,235.49	577,959.98	526,771.53
34,165,476.48	33,981,832.73	35,289,790.70	38,025,287.44	41,062,981.46
20,532,736.85	20,575,457.95	21,855,595.20	23,756,863.14	26,017,260.84
490,737.94	493,651.06	516,987.25	544,234.10	552,820.54
300,389.49	351,013.94	377,013.25	322,375.73	316,677.27
889,990.11	921,064.94	943,859.59	930,055.53	993,886.44
81,365.18	94,040.92	95,577.72	101,617.16	114,304.18
343,658.47	384,357.58	386,145.71	372,562.74	409,252.72
420,366.36	483,012.96	488,980.55	568,135.41	604,642.97
364,325.53	373,065.44	384,071.55	366,911.70	379,905.55
294,574.21	309,626.97	317,467.64	293,022.17	262,910.03
980.540.10	987,040.66	1,008,065.66	1,020,648.93	1,074,173.90
940,890.76	931,120.05	966,550.98	960,065.70	1,053,367.83
476,370.44	430,609.32	463,456.65	555,414.26	480,317.80
77,995.38	84,111.05	80,263.46	79,848.64	93,032.89
1,752,287.58	1,642,663.25	1,594,040.32	1,464,381.29	1,027,985.34
2,429,565.06	2,424,098.70	2,420,441.30	2,389,723.60	2,248,937.42
30,375,793.46	30,484,934.79	31,898,516.83	33,725,860.10	35,629,475.72
3,789,683.02	3,496,897.94	3,391,273.87	4,299,427.34	5,433,505.74
2,329,625.64	2,451,529.46	2,524,364.33	2,644,127.10	2,933,730.99
1,460,057.38	1,045,368.48	866,909.54	1,655,300.24	2,499,774.75

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA SYSTEM

Municipality	Acton	Agincourt	Ailsa Craig	Alvinston	Amherstburg
Population	1,903	P.V.	487	649	2,704
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	1,545.45			133.56	
Substation equipment	1,962.78				932.00
Distribution system—overhead	27,298.55	9,401.02	7,844.15	16,382.71	39,750.54
Distribution system—underground					
Line transformers	15,636.41	5,152.37	3,189.17	2,941.70	21,149.68
Meters	12,106.21	3,104.53	2,780.29	3,514.27	16,284.60
Street light equipment, regular	2,378.79	959.47	457.58	1,280.09	1,587.79
Street light equipment, ornamental					5,598.72
Miscellaneous construction expense	2,196.66	23.30	492.36	1,096.68	3,670.85
Steam or hydraulic plant					
Old plant				773.85	
Total plant	63,124.85	18,640.69	14,763.55	26,122.86	88,974.18
Bank and cash balance	2,640.89	1,261.61	1,414.91	763.99	10,594.10
Securities and investments	9,500.00	5,500 00	7,500.00	5,500.00	3,000.00
Accounts receivable	573.23	191.01	752.75	36.48	6,623.44
Inventories	1,303.47				
Sinking fund on local debentures					
Equity in H-E.P.C. systems	70,973.63	11,594.47	15,874.72	15,940.84	55,795.01
Other assets	2.65	103.47			
Total assets	148,118.72	37,291.25	40,305.93	48,364.17	164,986.73
Deficit				381.06	
Total	148,118.72	37,291.25	40,305.92	48,745.23	164,986.73
LIABILITIES					
Debenture balance				1,687.93	10,679.20
Accounts payable	90.68	217.48	247.78		245.88
Bank overdraft					
Other liabilities	1,171.30		150.00	67.00	6,891.59
Total liabilities	1,261.98	217.48	397.78	1,754.93	17,816.67
RESERVES					
For equity in H-E.P.C. systems	70,973.63	11,594.47	15,874.72	15,940.84	55,795.01
For depreciation	11,986.41	3,132.73	6,755.73	9,148.65	27,373.36
Other reserves		42.90		59.50	488.33
Total reserves	82,960.04	14,770.10	22,630.45	25,148.99	83,656.70
SURPLUS					
Debentures paid	14,500.00	8,072.65	6,883.38	21,841.31	21,374.40
Local sinking fund					
Operating surplus	49,396.70	14,231.02	10,394.32		42,138.96
Total surplus	63,896.70	22,303.67	17,277.70	21,841.31	63,513.36
Total liabilities, reserves and surplus	148,118.72	37,291.25	40,305.93	48,745.23	164,986.73
Percentage of net debt to total assets	1.6	0.9	1.6	5.4	11.8

"A"

Hydro Municipalities as at December 31, 1941

Ancaster Twp.	Arkona 403	Aylmer 1,985	Ayr 748	Baden P.V.	Beachville P.V.	Beamsville 1,227
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
....	....	10,996.52	125.00	660.64	176.13	....
....	....	....	....	....	....	....
19,873.28	10,048.73	27,260.13	13,086.93	9,637.77	15,807.64	16,733.01
....	....	....	....	....	....	....
13,926.63	2,303.10	15,170.52	5,616.06	6,612.00	4,886.14	10,315.28
6,451.66	1,833.26	12,790.23	4,286.35	3,980.24	3,472.60	7,251.97
1,521.91	750.31	4,541.28	1,162.14	738.66	444.23	2,687.88
....	....	....	....	....	....	....
1,160.01	247.75	2,353.08	822.49	318.49	602.04	314.85
....	....	....	....	....	....	....
....	1,030.30	6,469.47	4,002.53	....	....	....
42,933.49	16,213.45	79,581.23	29,101.50	21,947.80	25,388.78	37,302.99
2,789.10	....	1,099.81	41.20	1,148.05	1,535.44	3,658.06
....	....	11,000.00	2,000.00	2,500.00	6,500.00	....
433.75	45.70	935.21	1,307.17	72.28	291.79	200.86
....	....	594.38	....	....	....	....
....	....	....	....	....	....	....
17,811.72	6,404.38	44,510.71	15,446.25	33,067.38	42,335.55	4,206.62
....	....	....	....	....	....	16,561.48
63,968.06	22,663.53	137,721.34	47,896.12	58,735.51	76,051.56	61,930.01
....	747.53	....	....	....	....	....
63,968.06	23,411.06	137,721.34	47,896.12	58,735.51	76,051.56	61,930.01
7,669.16	3,959.66	7,913.67	3,448.03	....	....	15,590.87
1,206.14	179.59	176.25	656.87	1.05	71.06	464.00
....	122.40	....	....			....
268.58	7.00	773.36	46.00	....	....	683.91
9,143.88	4,268.65	8,863.28	4,150.90	1.05	71.06	16,738.78
17,811.72	6,404.38	44,510.71	15,446.25	33,067.38	42,335.55	4,206.62
11,239.80	3,584.86	19,616.55	8,023.32	2,730.34	9,126.61	5,476.01
48.23	....	654.83	517.29	....	....	....
29,099.75	9,989.24	64,782.09	23,986.86	35,797.72	51,462.16	9,682.63
6,441.12	9,153.17	30,788.25	14,055.35	5,000.00	5,353.00	21,909.13
....	....	....	....	....	....	....
19,283.31	....	33,287.72	5,703.01	17,936.74	19,165.34	13,599.47
25,724.43	9,153.17	64,075.97	19,758.36	22,936.74	24,518.34	35,508.60
63,968.06	23,411.06	137,721.34	47,896.12	58,735.51	76,051.56	61,930.01
19.8	26.3	9.5	12.8	0.0	0.2	29.0

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA SYSTEM—Continued

Municipality	Belle River	Blenheim	Blyth	Bolton	Bothwell
Population	836	1,873	662	629	683
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	204.20	13,022.93			
Substation equipment		909.64			
Distribution system—overhead	19,764.99	32,449.08	11,830.76	10,506.33	7,617.25
Distribution system—underground					
Line transformers	4,445.86	12,136.75	2,449.70	4,488.88	3,207.58
Meters	4,556.14	11,186.00	2,417.71	3,599.32	3,470.66
Street light equipment, regular	1,312.50	3,859.04	1,569.43	873.89	3,571.49
Street light equipment, ornamental		1,482.97			1,131.22
Miscellaneous construction expense	1,062.39	688.92	254.59	1,535.60	622 38
Steam or hydraulic plant					
Old plant			2,096.17	1,554.60	
Total plant	31,346.08	75,735.33	20,618.36	22,558.62	19,620.58
Bank and cash balance	2,963.21	713.43	378.03	275.92	1,611.90
Securities and investments	4,000.00		3,500.00	8,000.00	11,000.00
Accounts receivable	35.98	1,022.93	606.97	422.07	99.80
Inventories		990.51			27.28
Sinking fund on local debentures					
Equity in H-E.P.C. systems	10,772.64	39,154.86	10,127.62	18,122.16	17,984.60
Other assets					
Total assets	49,117.91	117,617.06	35,230.98	49,378.77	50,344.16
Deficit					
Total	49,117.91	117,617.06	35,230.98	49,378.77	50,344.16
LIABILITIES					
Debenture balance		3,524.53		1,682.95	1,258.69
Accounts payable	60.93	5,503.63		192.24	
Bank overdraft					
Other liabilities	185.00	1,880.47	170.00		1,236.22
Total liabilities	245.93	10,908.63	170.00	1,875.19	2,494.91
RESERVES					
For equity in H-E.P.C. systems	10,772.64	39,154.86	10,127.62	18,122.16	17,984.60
For depreciation	10,707.21	21,712.16	6,161.74	8,710.19	7,948.24
Other reserves		227.53			15.13
Total reserves	21,479.85	61,094.55	16,289.36	26,832.35	25,947.97
SURPLUS					
Debentures paid	8,500.00	10,475.47	16,032.52	10,817.05	4,275.50
Local sinking fund					
Operating surplus	18,892.13	35,138.41	2,739.10	9,854.18	17,625.78
Total surplus	27,392.13	45,613.88	18,771.62	20,671.23	21,901.28
Total liabilities, reserves and surplus	49,117.91	117,617.06	35,230.98	49,378.77	50,344.16
Percentage of net debt to total assets	0.6	12.2	0.7	6.0	4.4

"A"—Continued

Hydro Municipalities as at December 31, 1941

Brampton 5,702	Brantford 30,947	Brantford Twp.	Bridgeport P.V.	Brigden P.V.	Brussels 784	Burford P.V.
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
5,355.12	114,570.48			1,482.03		202.00
35,006.39	322,724.37	1,192.71				
54,686.20	275,580.81	68,584.14	10,395.83	8,253.90	14,457.09	9,529.27
37,805.93	195,221.96	21,236.73	3,275.45	2,825.58	3,046.95	4,322.83
31,489.08	159,702.89	17,471.63	2,952.53	2,674.50	4,338.82	4,225.43
12,334.99	26,377.42	5,555.23	1,635.60	494.23	1,587.79	425.14
	37,500.00					
23,224.38	44,823.89	2,839.08	654.28	1,231.23	1,537.56	727.24
	6,000.00				2,827.50	
199,902.09	1,182,501.82	116,879.52	18,913.69	16,961.47	27,795.71	19,431.91
66.00	18,483.14	75.00	3,535.70	769.88	702.11	616.86
1,861.87	21,500.00	6,000.00		2,500.00	10,500.00	5,000.00
922.47	21,272.14	471.43	130.71	42.95	305.68	181.68
247.17	14,944.57					
177,834.28	935,988.05	35,387.32	6,523.59	12,275.79	13,558.61	14,191.58
68.25	244.00	141.78				
380,902.13	2,194,933.72	158,955.05	29,103.69	32,550.09	52,862.11	39,422.03
380,902.13	2,194,933.72	158,955.05	29,103.69	32,550.09	52,862.11	39,422.03
	37,000.00		6,109.30		3,244.25	
6,626.82	1,914.56	612.57				33.46
2,169.17		2,031.20				
1,067.00	60,804.99	2,141.78	254.24	25.00	111.73	94.08
9,862.99	99,719.55	4,785.55	6,363.54	25.00	3,355.98	127.54
177,834.28	935,988.05	35,387.32	6,523.59	12,275.79	13,558.61	14,191.58
68,545.53	436,416.31	29,357.48	6,985.99	5,435.13	9,263.68	6,308.18
216.64	10,112.89	40.93		97.24		
246,596.45	1,382,517.25	64,785.73	13,509.58	17,808.16	22,822.29	20,499.76
69,050.64	493,000.00	57,125.66	6,258.73	8,000.00	17,755.75	9,000.00
55,392.05	219,696.92	32,258.11	2,971.84	6,716.93	8,928.09	9,794.73
124,442.69	712,696.92	89,383.77	9,230.57	14,716.93	26,683.84	18,794.73
380,902.13	2,194,933.72	158,955.05	29,103.69	32,550.09	52,862.11	39,422.03
4.9	5.1	3.9	28.2	0.1	8.5	0.5

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA SYSTEM—Continued

Municipality Population	Burgess-ville P.V.	Caledonia 1,425	Campbell-ville P.V.	Cayuga 700	Chatham 17,148
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings		595.60			90,216.28
Substation equipment					154,326.67
Distribution system—overhead	3,806.38	19,830.18	3,002.37	19,410.53	157,250.48
Distribution system—underground					86,297.88
Line transformers	1,395.24	7,059.09	820.55	5,389.92	104,947.30
Meters	1,161.12	8,384.73	808.75	4,127.77	82,246.56
Street light equipment, regular	261.02	2,042.67	335.61	1,357.57	20,047.03
Street light equipment, ornamental					35,426.10
Miscellaneous construction expense	457.22	1,617.58	6.82	571.36	30,177.64
Steam or hydraulic plant					
Old plant					42,752.31
Total plant	7,080.98	39,529.85	4,974.10	30,857.15	803,688.25
Bank and cash balance	645.22	493.96	512.48	1,007.98	
Securities and investments	1,000.00	3,200.00	2,400.00	1,000.00	55,000.00
Accounts receivable	408.13	48.59	400.92	282.57	43,111.90
Inventories		1,001.45		339.27	17,600.49
Sinking fund on local debentures					
Equity in H-E.P.C. systems	5,523.44	23,572.73	2,684.24	10,064.20	411,496.26
Other assets				0.57	610.00
Total assets	14,657.77	67,846.58	10,971.74	43,551.74	1,331,506.90
Deficit					
Total	14,657.77	67,846.58	10,971.74	43,551.74	1,331,506.90
LIABILITIES					
Debenture balance			895.02	4,515.23	118,984.40
Accounts payable	0.31	69.40	32.98	513.31	17,546.77
Bank overdraft					10,969.46
Other liabilities		103.50		180.00	46,207.50
Total liabilities	0.31	172.90	928.00	5,208.54	193,708.13
RESERVES					
For equity in H-E.P.C. systems	5,523.44	23,572.73	2,684.24	10,064.20	411,496.26
For depreciation	3,788.54	4,297.95	1,530.37	7,461.67	194,036.34
Other reserves				116.21	28,084.47
Total reserves	9,311.98	27,870.68	4,214.61	17,642.08	633,617.07
SURPLUS					
Debentures paid	3,500.00	4,624.00	4,552.75	15,484.77	251,015.60
Local sinking fund					
Operating surplus	1,845.48	35,179.00	1,276.38	5,216.35	253,166.10
Total surplus	5,345.48	39,803.00	5,829.13	20,701.12	504,181.70
Total liabilities, reserves and surplus	14,657.77	67,846.58	10,971.74	43,551.74	1,331,506.90
Percentage of net debt to total assets	0.0	0.4	10.8	15.6	17.9

"A"—Continued

Hydro Municipalities as at December 31, 1941

Chippawa 1,228	Clifford 491	Clinton 1,879	Comber P.V.	Cottam P.V.	Courtright 344	Dashwood P.V.
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
1,434.46	...	10,227.74	62.00	475.63	...	...
...	...	7,598.09	...	...	...	...
12,342.87	8,309.56	26,462.41	7,977.66	10,204.26	6,575.96	3,872.99
...	...	...	...	...	...	...
7,918.33	1,810.86	10,858.69	5,080.42	2,274.24	1,225.40	2,400.81
6,927.15	2,565.11	11,020.05	2,774.43	2,118.91	981.92	1,920.89
3,141.60	1,014.93	5,705.10	423.35	366.43	425.08	364.52
...	...	...	...	...	...	...
1,773.88	40.49	5,392.75	1,135.29	330.80	616.86	305.37
...	...	...	...	...	...	...
...	...	10,658.09	...	...	...	...
33,538.29	13,740.95	87,922.92	17,453.15	15,770.27	9,825.22	8,864.58
2,006.61	265.31	6,440.33	18.07	274.22	927.72	1,352.06
4,000.00	3,000.00	6,500.00	6,500.00	5,391.66	4,000.00	3,000.00
99.49	21.53	1,174.24	15.95	74.41	54.24	10.48
337.87	...	4,699.74	...	...	...	...
...	...	...	...	...	...	...
17,806.71	7,346.28	48,364.95	19,244.17	4,540.56	5,903.96	8,748.60
61.59	...	...	...	4.26	...	...
57,850.56	24,374.07	155,102.18	43,231.34	26,055.38	20,711.14	21,975.72
...	...	...	...	...	...	...
57,850.56	24,374.07	155,102.18	43,231.34	26,055.38	20,711.14	21,975.72
...	5,018.45	...	...	3,216.06	...	999.02
...	19.76	159.13	1,089.77	460.90	0.43	126.71
...	...	...	...	...	...	...
835.50	5.00	522.22	70.00	195.00	...	...
835.50	5,043.21	681.35	1,159.77	3,871.96	0.43	1,125.73
17,806.71	7,346.28	48,364.95	19,244.17	4,540.56	5,903.96	8,748.60
5,941.03	3,740.92	27,674.83	7,354.90	5,222.19	2,637.40	3,646.42
...	...	555.86	...	43.54	13.27	...
23,747.74	11,087.20	76,595.64	26,599.07	9,806.29	8,554.63	12,395.02
13,350.00	2,981.55	44,500.00	7,700.00	5,784.16	8,138.35	2,400.98
...	...	...	...	...	...	...
19,917.32	5,262.11	33,325.19	7,772.50	6,592.97	4,017.73	6,053.99
33,267.32	8,243.66	77,825.19	15,472.50	12,377.13	12,156.08	8,454.97
57,850.56	24,374.07	155,102.18	43,231.34	26,055.38	20,711.14	21,975.72
2.1	29.6	0.6	4.8	18.0	0.0	8.5

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA SYSTEM—Continued

Municipality	Delaware	Delhi	Dorchester	Drayton	Dresden
Population	P.V.	2,430	P.V.	521	1,525
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings		2,177.24			
Substation equipment					523.00
Distribution system—overhead	5,309.95	28,550.66	9,428.00	10,041.31	20,075.44
Distribution system—underground					
Line transformers	1,819.08	16,354.51	3,317.06	4,425.18	7,722.31
Meters	1,420.22	12,088.47	2,804.54	3,662.59	7,620.42
Street light equipment, regular	202.58	3,860.38	907.18	772.21	1,652.15
Street light equipment, ornamental					
Miscellaneous construction expense	203.81	4,285.15	428.43	448.61	2,453.54
Steam or hydraulic plant					
Old plant		28,518.74			
Total plant	8,955.64	95,835.15	16,885.21	19,349.90	40,046.86
Bank and cash balance	154.80	5,891.32	370.79	934.18	1,045.98
Securities and investments	1,250.00	6,000.00	2,700.00	5,500.00	4,500.00
Accounts receivable	7.93	642.78	779.80	55.56	1,050.50
Inventories		2,977.39			1,648.23
Sinking fund on local debentures					
Equity in H-E.P.C. systems	3,392.83	4,015.97	7,868.19	13,017.32	33,085.01
Other assets	270.25	1.44			125.26
Total assets	14,031.45	115,364.05	28,603.99	38,856.96	81,501.84
Deficit					
Total	14,031.45	115,364.05	28,603.99	38,856.96	81,501.84
LIABILITIES					
Debenture balance	709.06	78,173.57	990.76	3,398.77	
Accounts payable	14.24	437.14	0.06	67.18	208.21
Bank overdraft					
Other liabilities		1,432.65	29.36		360.00
Total liabilities	723.30	80,043.36	1,020.18	3,465.95	568.21
RESERVES					
For equity in H-E.P.C. systems	3,392.83	4,015.97	7,868.19	13,017.32	33,085.01
For depreciation	772.63	8,643.68	4,341.78	9,161.13	5,899.82
Other reserves	30.00		46.17		689.12
Total reserves	4,195.46	12,659.65	12,256.14	22,178.45	39,673.95
SURPLUS					
Debentures paid	3,290.94	6,826.43	3,309.24	6,101.23	11,423.24
Local sinking fund					
Operating surplus	5,821.75	15,834.61	12,018.43	7,111.33	29,836.44
Total surplus	9,112.69	22,661.04	15,327.67	13,212.56	41,259.68
Total liabilities, reserves and surplus	14,031.45	115,364.05	28,603.99	38,856.96	81,501.84
Percentage of net debt to total assets	6.8	71.9	4.5	13.4	1.2

"A"—Continued

Hydro Municipalities as at December 31, 1941

Drumbo	Dublin	Dundas	Dunnville	Dutton	East York Twp.	Elmira
P.V.	P.V.	5,001	3,916	830		2,068
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
....	....	16,659.29	3,495.43	75.11	25,915.38	7,458.03
....	....	13,999.39	39,710.85	....	8,893.55	....
4,737.26	5,886.34	53,847.47	41,353.79	10,090.30	357,732.33	36,929.07
....	....	....	....	....	....	540.21
1,801.50	1,354.25	25,183.98	23,042.00	4,061.79	101,920.40	21,120.00
2,181.86	1,135.99	26,480.46	21,278.18	3,630.46	162,955.65	14,871.29
284.27	544.86	11,535.93	9,683.03	754.38	29,689.30	2,288.27
....	....	1,154.52	....	....	....	....
235.58	835.92	6,155.15	7,679.36	307.03	31,905.64	1,177.72
....	....	....	....	....	....	....
		1,867.38	10,717.62	....	....	2,168.08
9,240.47	9,757.36	156,883.57	156,960.26	18,919.07	719,012.25	86,552.67
4,532.28	696.16	6,250.43	6,838.78	....	15,448.71	599.56
2,000.00	1,200.00	21,500.00	15,000.00	7,500.00	2,000.00	12,000.00
521.62	89.63	814.97	912.26	7.80	6,275.93	729.43
....	....	334.06	2,053.49	....	8,498.80	....
....	....	....	....	....	....	....
6,844.45	5,893.78	144,669.31	64,261.68	20,428.69	284,282.25	79,533.65
....	....	327.76	0.28	....	748.93	....
23,138.82	17,636.93	330,780.10	246,026.75	46,855.56	1,036,266.87	179,415.31
....	....	....	....	....	....	....
23,138.82	17,636.93	330,780.10	246,026.75	46,855.56	1,036,266.87	179,415.31
797.17	....	4,687.85	24,043.78	....	118,082.33	8,387.63
54.75	37.25	412.81	141.33	....	49,203.01	5.00
....	....	....	....	85.02	....	....
....	11.00	8,697.36	2,164.46	212.36	16,485.77	785.65
851.92	48.25	13,798.02	26,349.57	297.38	183,771.11	9,178.28
6,844.45	5,893.78	144,669.31	64,261.68	20,428.69	284,282.25	79,533.65
5,556.86	5,426.85	70,637.34	43,204.61	9,865.50	120,497.49	29,929.39
....	....	370.56	....	34.22	2,384.00	....
12,401.31	11,320.63	215,677.21	107,466.29	30,328.41	407,163.74	109,463.04
3,702.83	6,200.00	48,312.15	51,456.22	8,407.49	238,985.45	28,780.87
....	....	....	....	....	....	....
6,182.76	68.05	52,992.72	60,754.67	7,822.28	206,346.57	31,993.12
9,885.59	6,268.05	101,304.87	112,210.89	16,229.77	445,332.02	60,773.99
23,138.82	17,636.93	330,780.10	246,026.75	46,855.56	1,036,266.87	179,415.31
5.2	0.4	6.8	14.5	1.1	24.4	9.2

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA SYSTEM—Continued

Municipality	Elora	Embro	Erieau	Erie Beach	Essex
Population	1,185	420	*281	†21	1,886
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	1,524.54				
Substation equipment					
Distribution system—overhead	18,493.05	10,563.04	11,452.99	2,598.33	39,919.69
Distribution system—underground					442.55
Line transformers	8,001.79	4,420.62	2,495.04	925.32	18,462.13
Meters	7,006.05	2,489.61	3,262.71	900.39	13,099.21
Street light equipment, regular	1,298.49	535.73	435.74		1,655.38
Street light equipment, ornamental					7,205.06
Miscellaneous construction expense	1,127.81	69.45	379.90	375.03	1,140.90
Steam or hydraulic plant					
Old plant		429.25			
Total plant	37,461.73	18,507.70	18,026.38	4,799.07	81,924.92
Bank and cash balance	552.87	235.02		1,634.15	3,963.78
Securities and investments	10,500.00	2,500.00			20,000.00
Accounts receivable	37.63	70.81	185.39	111.73	1,156.93
Inventories	273.39				
Sinking fund on local debentures					
Equity in H-E.P.C. systems	38,261.88	11,612.12	6,666.83	1,686.78	32,301.24
Other assets	148.20				
Total assets	87,235.70	32,925.65	24,878.60	8,231.73	139,346.87
Deficit					
Total	87,235.70	32,925.65	24,878.60	8,231.73	139,346.87
LIABILITIES					
Debenture balance			1,130.88	1,192.27	14,114.35
Accounts payable		456.74	227.96	78.85	115.51
Bank overdraft			75.38		
Other liabilities	141.25		50.00		7,837.26
Total liabilities	141.25	456.74	1,484.22	1,271.12	22,067.12
RESERVES					
For equity in H-E.P.C. systems	38,261.88	11,612.12	6,666.83	1,686.78	32,301.24
For depreciation	17,841.96	6,494.94	4,966.42	775.53	24,871.35
Other reserves		32.23	73.02		524.74
Total reserves	56,103.84	18,139.29	11,706.27	2,462.31	57,697.33
SURPLUS					
Debentures paid	13,000.00	7,500.00	5,752.25	2,107.73	8,385.65
Local sinking fund					
Operating surplus	17,990.61	6,829.62	5,935.86	2,390.57	51,196.77
Total surplus	30,990.61	14,329.62	11,688.11	4,498.30	59,582.42
Total liabilities, reserves and surplus	87,235.70	32,925.65	24,878.60	8,231.73	139,346.87
Percentage of net debt to total assets	0.3	2.1	8.1	19.4	14.9

*Summer Population 1,031. †Summer Population 321.

"A"—Continued

Hydro Municipalities as at December 31, 1941

Etobicoke Twp.	Exeter 1,654	Fergus 2,759	Fonthill 860	Forest 1,562	Forest Hill 12,172	Galt 14,584
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
34,294.67	3,335.73			6,517.57	33,312.27	202,082.05
					80,767.90	143,168.03
330,782.33	32,758.97	35,467.10	12,538.01	23,333.91	193,239.98	272,759.13
					2,169.95	3,381.92
107,742.71	12,782.95	21,930.06	6,090.42	12,429.13	108,585.46	130,912.65
82,506.36	9,619.98	14,823.50	5,387.49	11,488.49	63,420.81	83,414.90
15,754.66	4,902.87	6,126.75	1,801.02	2,663.94	9,477.67	72,411.97
2,689.44					16,795.63	
19,205.18	2,509.35	681.27	288.45	1,693.69	20,251.32	23,720.98
		2,546.59	3,500.00	11,042.87		
592,975.35	65,909.85	81,575.27	29,605.39	69,169.60	528,020.99	931,851.63
2,704.49	2,168.25	3,190.61	2,506.22	1,029.27	14,475.49	275.00
	14,500.00	3,000.00		14,510.00	6,000.00	62,000.00
19,905.32	1,688.73	1,108.45	77.55	1,519.26	1,335.59	49,865.64
12,470.08	1,728.93	145.97		3,159.87		36,607.96
225,644.35	43,357.74	64,674.58	6,552.41	34,359.76	173,420.65	562,417.37
191.58	0.06	171.67			280.38	
853,891.17	129,353.56	153,866.55	38,741.57	123,747.76	723,533.10	1,643,017.60
853,891.17	129,353.56	153,866.55	38,741.57	123,747.76	723,533.10	1,643,017.60
79,869.80		7,857.56	7,146.69	2,540.72	286,042.68	19,676.13
45,339.20	361.86	559.05	412.89	180.95	2,923.35	30,226.57
8,368.84						30,961.56
11,148.30	351.50	349.25	384.30	141.76	29,857.51	3,355.44
144,726.14	713.36	8,765.86	7,943.88	2,863.43	318,823.54	84,219.70
225,644.35	43,357.74	64,674.58	6,552.41	34,359.76	173,420.65	562,417.37
132,539.69	19,411.83	15,186.24	3,993.90	20,936.06	107,034.30	357,760.42
7,795.77	534.61	281.20		117.92	750.00	27,920.41
365,979.81	63,304.18	80,142.02	10,546.31	55,413.74	281,204.95	948,098.20
185,825.60	20,000.05	34,142.44	15,353.31	31,859.28	76,738.92	498,325.82
157,359.62	45,335.97	30,816.23	4,898.07	33,611.31	46,765.69	112,373.88
343,185.22	65,336.02	64,958.67	20,251.38	65,470.59	123,504.61	610,699.70
853,891.17	129,353.56	153,866.55	38,741.57	123,747.76	723,533.10	1,643,017.60
22.7	0.8	9.8	24.7	3.2	56.6	7.8

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA SYSTEM—Continued

Municipality	Georgetown	Glencoe	Goderich	Granton	Guelph
Population	2,452	763	4,674	P.V.	22,500
	$ c.	$ c.	$ c.	$ c.	$ c.
ASSETS					
Lands and buildings	3,370.88	3,407.70	13,569.89		14,049.42
Substation equipment			34,402.48		164,470.40
Distribution system—overhead	37,143.16	22,888.54	72,886.99	4,479.92	246,785.23
Distribution system—underground					27,689.74
Line transformers	26,081.47	7,511.85	22,998.93	1,696.30	117,500.28
Meters	16,042.58	4,741.44	22,352.21	1,654.60	112,905.17
Street light equipment, regular	4,570.34	2,106.42	9,159.76	180.78	45,009.49
Street light equipment, ornamental					
Miscellaneous construction expense	2,486.56	3,479.13	6,877.47	113.08	13,381.81
Steam or hydraulic plant					
Old plant	2,209.80		14,622.15		
Total plant	91,904.79	44,135.08	196,869.88	8,124.68	741,791.54
Bank and cash balance	1,939.30	2,162.14	9,234.68	305.82	11,176.67
Securities and investments	11,857.69	7,000.00	31,500.00	4,200.00	20,000.00
Accounts receivable	768.09	645.71	924.80	32.65	8,614.73
Inventories		342.88	1,695.23		21,648.34
Sinking fund on local debentures					
Equity in H-E.P.C. systems	106,972.38	21,086.56	127,320.47	8,344.80	686,018.14
Other assets		13.22			37.44
Total assets	213,442.25	75,385.59	367,545.06	21,007.95	1,489,286.86
Deficit					
Total	213,442.25	75,385.59	367,545.06	21,007.95	1,489,286.86
LIABILITIES					
Debenture balance	2,663.85		27,581.83	881.59	
Accounts payable	315.20	81.30	743.35	332.83	31,181.59
Bank overdraft					
Other liabilities	1,808.66	121.59	3,125.32		2,823.95
Total liabilities	4,787.71	202.89	31,450.50	1,214.42	34,005.54
RESERVES					
For equity in H-E.P.C. systems	106,972.38	21,086.56	127,320.47	8,344.80	686,018.14
For depreciation	22,707.88	14,818.70	98,372.60	3,831.31	159,392.64
Other reserves		355.34	888.67	60.00	1,126.70
Total reserves	129,680.26	36,260.60	226,581.74	12,236.11	846,537.48
SURPLUS					
Debentures paid	17,336.15	20,112.88	68,506.22	2,618.41	145,000.00
Local sinking fund					
Operating surplus	61,638.13	18,809.22	41,006.60	4,939.01	463,743.84
Total surplus	78,974.28	38,922.10	109,512.82	7,557.42	608,743.84
Total liabilities, reserves and surplus	213,442.25	75,385.59	367,545.06	21,007.95	1,489,286.86
Percentage of net debt to total assets	4.5	0.4	13.1	9.6	4.2

"A"—Continued

Hydro Municipalities as at December 31, 1941

Hagersville	Hamilton	Harriston	Harrow	Hensall	Hespeler
1,369	155,511	1,292	1,092	686	3,037
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
....	963,689.29	395.25	2,318.16	....	4,684.43
864.37	2,158,035.00	600.00	....	....	39,962.26
21,646.91	1,287,734.71	22,998.68	19,992.46	12,645.26	32,243.30
....	800,608.93	....	....	....	....
11,762.60	931,616.09	8,463.85	11,031.57	6,811.35	27,790.41
9,881.64	794,479.36	9,563.60	8,020.87	4,050.80	14,221.94
1,135.27	286,490.04	1,332.00	943.46	612.83	8,160.72
....	....	....	....	....	....
1,013.92	125,503.90	970.57	1,050.77	649.33	1,445.43
....	....	....	....	....	....
....	....	1,001.43	....	400.00	....
46,304.71	7,348,157.32	45,325.38	43,357.29	25,169.57	128,508.49
3,469.38	127,892.95	806.49	1,289.34	....	5,236.38
21,000.00	....	7,500.00	500.00	8,500.00	10,000.00
153.50	414,569.08	161.06	465.65	198.40	987.17
12.81	202,783.97	131.23	262.67	....	511.17
....	38,048.61	....	....	....	....
78,997.55	4,927,615.12	34,949.35	25,836.86	17,037.50	118,619.86
14.12	89,845.55	364.12	....	....	1,328.31
149,952.07	13,148,912.60	89,237.63	71,711.81	50,905.47	265,191.38
....	....	....	....	....	....
149,952.07	13,148,912.60	89,237.63	71,711.81	50,905.47	265,191.38
725.74	1,081,000.00	4,254.80	....	2,937.25	16,621.30
251.38	329,678.56	....	752.48	224.34	480.88
....	....	....	....	300.04	....
530.00	*633,920.02	125.82	495.00	58.00	15.00
1,507.12	2,044,598.58	4,380.62	1,247.48	3,519.63	17,117.18
78,997.55	4,927,615.12	34,949.35	25,836.86	17,037.50	118,619.86
15,036.75	1,450,758.55	12,678.06	9,282.13	10,583.49	26,182.19
....	764,928.32	....	136.30	....	203.73
94,034.30	7,143,301.99	47,627.41	35,255.29	27,620.99	145,005.78
7,274.26	2,979,275.19	21,563.23	12,000.00	9,062.75	60,949.21
....	38,048.61	....	....	....	....
47,136.39	943,688.23	15,666.37	23,209.04	10,702.10	42,119.21
54,410.65	3,961,012.03	37,229.60	35,209.04	19,764.85	103,068.42
149,952.07	13,148,912.60	89,237.63	71,711.81	50,905.47	265,191.38
2.1	24.5	8.1	2.7	10.4	11.7

*$100,000 balance re purchase agreement.

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA SYSTEM—Continued

Municipality	Highgate	Humberstone	Ingersoll	Jarvis	Kingsville
Population	322	2,831	5,756	536	2,453
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings			15,149.95		8,592.27
Substation equipment			51,589.37		
Distribution system—overhead	8,693.72	24,139.23	59,185.22	10,011.40	34,774.51
Distribution system—underground					
Line transformers	2,109.25	13,475.58	36,863.55	3,151.56	16,840.18
Meters	1,863.97	10,308.84	29,743.51	3,036.55	15,895.59
Street light equipment, regular	453.91	943.79	4,988.75	929.54	1,470.29
Street light equipment, ornamental			4,597.59		19,200.00
Miscellaneous construction expense	491.60	3,506.72	10,212.66	615.67	703.62
Steam or hydraulic plant					
Old plant			19,098.54		
Total plant	13,612.45	52,374.16	231,429.14	17,744.72	97,476.46
Bank and cash balance	363.77	1,890.63	7,990.38	1,351.85	2,869.34
Securities and investments	3,500.00	18,000.00	9,337.43	9,000.00	20,500.00
Accounts receivable	53.36	273.80	1,405.80	37.71	280.92
Inventories			1,617.84		117.18
Sinking fund on local debentures					
Equity in H-E.P.C systems	10,017.88	21,886.02	189,955.48	15,550.38	42,227.98
Other assets			2,220.17	36.50	
Total assets	27,547.46	94,424.61	443,956.24	43,721.16	163,471.88
Deficit					
Total	27,547.46	94,424.61	443,956.24	43,721.16	163,471.88
LIABILITIES					
Debenture balance		6,000.00		1,622.24	21,545.15
Accounts payable		7.88	26,361.48	23.31	
Bank overdraft					
Other liabilities	70.00	1,864.12	6,644.33		22,177.36
Total liabilties	70.00	7,872.00	33,005.81	1,645.55	43,722.51
RESERVES					
For equity in H-E.P.C. systems	10,017.88	21,886.02	189,955.48	15,550.38	42,227.98
For depreciation	6,295.58	6,767.03	23,356.40	5,879.99	29,372.79
Other reserves			636.64		377.90
Total reserves	16,313.46	28,653.05	213,948.52	21,430.37	71,978.67
SURPLUS					
Debentures paid	5,000.00	26,000.00	79,800.00	8,877.76	11,954.85
Local sinking fund					
Operating surplus	6,164.00	31,899.56	117,201.91	11,767.48	35,815.85
Total surplus	11,164.00	57,899.56	197,001.91	20,645.24	47,770.70
Total liabilities, reserves and surplus	27,547.46	94,424.61	443,956.24	43,721.16	163,471.88
Percentage of net debt to total assets	0.4	10.9	1.5	5.8	24.0

"A"—Continued

Hydro Municipalities as at December 31, 1941

Kitchener	Lambeth	La Salle	Leamington	Listowel	London
33,281	P.V.	907	6,048	2,984	75,176
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
245,958.43		1,210.68	18,580.07	1,459.49	457,446.15
419,493.60			7,101.97		1,045,652.17
413,360.89	9,088.49	21,926.91	64,648.74	47,754.93	823,429.03
61,246.09			17,209.04	5,522.87	390,711.88
226,970.70	1,883.12	6,775.22	26,831.18	23,567.43	403,746.57
234,286.56	2,751.69	5,006.49	29,488.53	18,513.24	394,813.96
74,941.12	1,052.75	1,054.22	1,499.75	3,151.12	72,936.16
126,922.86			15,178.49	1,539.79	92,286.12
15,847.99	315.71	1,966.78	2,459.17	2,638.33	156,190.42
52,363.91				4,745.30	
1,871,392.15	15,091.76	37,940.30	182,996.94	108,892.50	3,837,212.46
35,065.28	47.65	2,625.68	1,920.96	1,741.86	18,966.64
50,000.00	2,000.00	3,000.00	34,500.00	11,000.00	100,000.00
77,242.78	465.05	243.26	582.01	733.46	243,841.49
28,651.19		33.45		248.85	80,936.91
					523,372.18
1,341,970.74	10,045.55	14,538.61	89,740.38	79,814.76	2,525,132.36
1,353.68			345.44	13.05	1,818.11
3,405,675.82	27,650.01	58,381.30	310,085.73	202,444.48	7,331,280.15
3,405,675.82	27,650.01	58,381.30	310,085.73	202,444.48	7,331,280.15
252,222.16		4,682.61			447,757.78
76,814.28	50.68	203.50	920.73	0.41	41,821.81
128,327.98	160.00	888.82	18,458.65	1,985.86	99,045.62
457,364.42	210.68	5,774.93	19,379.38	1,986.27	588,625.21
1,341,970.74	10,045.55	14,538.61	89,740.38	79,814.76	2,525,132.36
484,989.59	5,932.30	12,647.84	43,291.41	47,825.59	1,479,040.62
7,445.48	42.08	207.00	198.49		106,112.24
1,834,405.81	16,019.93	27,393.45	133,230.28	127,640.35	4,110,285.22
484,927.84	4,000.00	10,817.39	48,000.00	43,189.89	1,134,142.22
					523,372.18
628,977.75	7,419.40	14,395.53	109,476.07	29,627.97	974,855.32
1,113,905.59	11,419.40	25,212.92	157,476.07	72,817.86	2,632,369.72
3,405,675.82	27,650.01	58,381.30	310,085.73	202,444.48	7,331,280.15
11.1	1.2	13.2	2.0	0.4	0.0

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA SYSTEM—Continued

Municipality	London Twp.	Long Branch	Lucan	Lynden	Markham
Population		5,147	643	P.V.	1,197
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings			375.45	241.18	
Substation equipment					
Distribution system—overhead	23,232.63	60,914.51	11,624.84	4,869.69	19,354.48
Distribution system—underground					
Line transformers	8,493.01	17,411.95	4,152.16	3,136.23	10,093.35
Meters	6,408.06	21,897.54	4,013.48	2,223.24	7,298.12
Street light equipment, regular	1,692.66	5,371.96	4,549.30	354.06	833.91
Street light equipment, ornamental					
Miscellaneous construction expense	1,733.81	2,692.55	918.28	243.57	1,305.71
Steam or hydraulic plant					
Old plant	1,733.80		2,860.45		
Total plant	43,293.97	108,288.51	28,493.96	11,067.97	38,885.57
Bank and cash balance		1,522.80	10.00	862.46	435.19
Securities and investments			6,000.00	1,000.00	9,000.00
Accounts receivable	501.66	10,861.92	39.10	38.24	187.36
Inventories					
Sinking fund on local debentures					
Equity in H-E.P.C. systems	21,115.02	26,786.08	18,970.90	13,510.90	19,706.42
Other assets	509.31				118.39
Total assets	65,419.96	147,459.31	53,513.96	26,479.57	68,332.93
Deficit					
Total	65,419.96	147,459.31	53,513.96	26,479.57	68,332.93
LIABILITIES					
Debenture balance	2,733.48	8,445.96	1,729.93	1,084.41	
Accounts payable	216.69	3,060.31	129.27	23.10	
Bank overdraft	922.92		699.29		
Other liabilities	3,509.31	3,009.28	155.00		281.00
Total liabilities	7,382.40	14,515.55	2,713.49	1,107.51	281.00
RESERVES					
For equity in H-E.P.C. systems	21,115.02	26,786.08	18,970.90	13,510.90	19,706.42
For depreciation	11,124.63	24,166.13	8,394.04	3,763.43	8,281.78
Other reserves	3.82	343.40			117.26
Total reserves	32,243.47	51,295.61	27,364.94	17,274.33	28,105.46
SURPLUS					
Debentures paid	16,266.52	31,858.64	9,483.69	3,410.59	11,373.63
Local sinking fund					
Operating surplus	9,527.57	49,789.51	13,951.84	4,687.14	28,572.84
Total surplus	25,794.09	81,648.15	23,435.53	8,097.73	39,946.47
Total liabilities, reserves and surplus	65,419.96	147,459.31	53,513.96	26,479.57	68,332.93
Percentage of net debt to total assets	16.7	12.0	7.9	8.5	0.6

"A"—Continued

Hydro Municipalities as at December 31, 1941

Merlin	Merritton	Milton	Milverton	Mimico	Mitchell	Moorefield
P.V.	2,916	1,915	994	7,194	1,670	P.V.
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
....	6,764.41	13,824.55	761.88	20,455.40	18,438.97	....
....	84,998.26	16,418.16	....	40,791.96	16,616.28	....
8,903.06	42,100.17	23,462.98	12,700.06	81,369.66	33,048.01	3,132.90
....	....	....	....	....	....	....
3,631.86	12,860.16	16,595.97	8,101.30	41,151.36	14,904.31	1,211.63
2,616.30	16,618.26	15,111.33	5,299.58	32 995.63	13,159.02	1,368.73
570.46	4,909.52	5,416.33	788.75	10,167.55	7,132.20	295.88
....	....	....	....	....	....	....
481.72	3,133.09	3,778.91	604.79	9,866.38	2,003.49	355.00
....	....	....	....	....	....	....
241.85	....	3,092.54	....	....	1,380.00	....
16,445.25	171,383.87	97,700.77	28,256.36	236,797.94	106,682.28	6,364.14
1,195.36	17,145.35	2,048.56	864.39	15,154.32	833.08	1,342.99
9,000.00	5,000.00	5,000.00	5,500.00	14,000.00	7,450.00	2,000.00
11.94	259.20	644.56	343.74	1,132.07	9,050.75	11.88
....	....	3,748.76	....	....	6,134.27	....
....	....	....	....	....	....	....
12,002.59	157,654.06	103,199.27	43,857.36	145,326.44	45,458.13	6,336.97
....	....	7.98	....	268.70	....	....
38,655.14	351,442.48	212,349.90	78,821.85	412,679.47	175,608.51	16,055.98
....	....	....	....	....	....	....
38,655.14	351,442.48	212,349.90	78,821.85	412,679.47	175,608.51	16,055.98
699.53	4,641.88	1,133.15	....	32,436.65	....	....
171.42	2,224.61	342.21	355.80	5.00	203.56	23.98
....	....	....	....	....	....	....
80.00	....	589.12	....	7,288.44	293.00	....
950.95	6,866.49	2,064.48	355.80	39,730.09	496.56	23.98
12,002.59	157,654.06	103,199.27	43,857.36	145,326.44	45,458.13	6,336.97
4,864.36	26,327.19	24,820.49	8,019.98	75,431.59	42,825.70	3,630.93
23.40	....	197.89	....	830.96	2,505.59	....
16,890.35	183,981.25	128,217.65	51,877.34	221,588.99	90,789.42	9,967.90
12,664.68	27,544.33	31,913.26	9,500.00	94,563.35	22,295.22	4,500.00
....	....	....	....	....	....	....
8,149.16	133,050.41	50,154.51	17,088.71	56,797.04	62,027.31	1,564.10
20,813.84	160,594.74	82,067.77	26,588.71	151,360.39	84,322.53	6 064.10
38,655.14	351,442.48	212,349.90	78,821.85	412,679.47	175,608.51	16,055.98
3.6	3.5	1.9	1.0	14.9	0.4	0.2

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA SYSTEM—Continued

Municipality Population	Mount Brydges P.V	Newbury 288	New Hamburg 1,441	New Toronto 7,514	Niagara Falls 18,770
ASSETS	$ c	$ c.	$ c.	$ c.	$ c.
Lands and buildings	....	....	2,513.19	44,924.94	131,722.10
Substation equipment	....	....	1,217.05	....	241,830.78
Distribution system—overhead	7,687.41	6,945.58	25,083.15	96,135.60	206,307.12
Distribution system—underground	....	....	....	8,925.63	....
Line transformers	1,845.43	1,768.11	9,871.11	44,748.52	187,857.89
Meters	2,788.12	1,406.91	10,135.06	41,322.24	122,161.95
Street light equipment, regular	1,385.36	881.47	2,248.20	14,721.65	120,246.39
Street light equipment, ornamental	....	....	....	....	....
Miscellaneous construction expense	138.88	623.93	595.92	8,265.57	27,037.71
Steam or hydraulic plant	....	....	....	....	1,200.00
Old plant	....	348.22	5,242.56	....	....
Total plant	13,845.20	11,974.22	56,906.24	259,044.15	1,038,363.94
Bank and cash balance	1,744.78	1,447.55	659.34	25,268.73	68,277.30
Securities and investments	8,000.00	1,500.00	9,000.00	32,000.00	90,000.00
Accounts receivable	1,034.54	751.44	405.19	2,277.13	8,200.64
Inventories	....	....	640.29	5,268.56	10,616.29
Sinking fund on local debentures	....	....	....	....	....
Equity in H-E.P.C. systems	7,858.41	4,624.01	50,345.75	456,630.38	582,348.01
Other assets	....	79.57	15.15	....	26.17
Total assets	32,482.93	20,376.79	117,971.96	780,488.95	1,797,832.35
Deficit	....	....	....	....	....
Total	32,482.93	20,376.79	117,971.96	780,488.95	1,797,832.35
LIABILITIES					
Debenture balance	783.39	....	....	967.65	105,102.74
Accounts payable	622.16	20.93	926.38	707.58	4,824.64
Bank overdraft	....	....	....	....	....
Other liabilities	161.95	30.00	245.00	7,488.56	17,893.56
Total liabilities	1,567.50	50.93	1,171.38	9,163.79	127,820.94
RESERVES					
For equity in H-E.P.C. systems	7,858.41	4,624.01	50,345.75	456,630.38	582,348.01
For depreciation	4,840.30	4,952.91	18,380.81	74,409.14	303,404.84
Other reserves	97.38	....	33.83	1,431.92	13,835.51
Total reserves	12,796.09	9,576.92	68,760.39	532,471.44	899,588.36
SURPLUS					
Debentures paid	3,436.61	9,754.39	17,729.08	7,032.35	585,140.26
Local sinking fund	....	....	....	....	....
Operating surplus	14,682.73	994.55	30,311.11	231,821.37	185,282.79
Total surplus	18,119.34	10,748.94	48,040.19	238,853.72	770,423.05
Total liabilities, reserves and surplus	32,482.93	20,376.79	117,971.96	780,488.95	1,797,832.35
Percentage of net debt to total assets	6.4	0.3	17.3	2.8	10.5

"A"—Continued

Hydro Municipalities as at December 31, 1941

Niagara-on-the-Lake 1,764	North York Twp.	Norwich 1,301	Oil Springs 541	Otterville P.V.	Palmerston 1,400	Paris 4,427
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
2,307.35	28,797.82	4,660.42	6,299.16	....	....	8,781.50
17,134.92	....	....	....	....	1,346.28	28,131.05
35,977.81	485,549.87	12,076.99	14,906.26	8,697.38	33,260.03	56,640.26
....	....	....	....	....	....	....
17,188.86	144,703.62	7,658.58	6,308.23	4,428.89	11,359.59	25,652.29
11,574.23	96,557.18	8,395.01	4,034.38	3,375.97	8,480.95	21,681.48
3,538.76	156.00	4,685.64	308.24	1,684.17	6,818.19	14,084.12
....	21,090.84	....	....	....	....	....
2,805.67	27,923.24	1,575.05	1,722.36	142.00	929.76	3,149.25
....	....	....	....	....	....	....
....	....	3,509.82	....	....	4,018.71	....
90,527.60	804,778.57	42,561.51	33,578.63	18,328.41	66,213.51	158,119.95
2,463.39	13,259.88	533.21	1,320.99	1,276.27	602.07	9,984.58
....	....	7,000.00	2,000.00	2,480.00	1,500.00	33,500.00
2,770.87	13,026.67	2,493.19	81.88	1,059.77	784.27	1,366.11
6,369.20	360.96	3,136.76	141.31	....	2,051.24	132.71
....	....	....	....	....	....	....
31,866.13	151,226.34	37,370.83	25,333.44	9,033.30	43,946.64	114,501.88
309.83	....	....	....	....	2,719.53	22.95
134,307.02	982,652.42	93,095.50	62,456.25	32,177.75	117,817.26	317,628.18
....	....	....	....	....	....	....
134,307.02	982,652.42	93,095.50	62,456.25	32,177.75	117,817.26	317,628.18
11,560.34	288,028.86	356.61	....	....	426.09	2,317.48
4,792.19	8,716.67	117.30	402.90	702.55	561.42	27.97
....	....	....	....	....	....	....
298.20	33,059.40	292.50	46.30	61.38	337.93	....
16,650.73	329,804.93	766.41	449.20	763.93	1,325.44	2,345.45
31,866.13	151,226.34	37,370.83	25,333.44	9,033.30	43,946.64	114,501.88
19,860.67	146,133.17	10,335.62	10,389.66	6,967.18	11,882.70	84,235.93
898.74	2,369.24	583.33	90.03	....	420.07	76.47
52,625.54	299,728.75	48,289.78	35,813.13	16,000.48	56,249.41	198,814.28
24,941.08	239,993.01	13,399.39	16,721.31	4,500.00	26,573.91	89,682.52
....	....	....	....	....	....	....
40,089.67	113,125.73	30,639.92	9,472.61	10,913.34	33,668.50	26,785.93
65,030.75	353,118.74	44,039.31	26,193.92	15,413.34	60,242.41	116,468.45
134,307.02	982,652.42	93,095.50	62,456.25	32,177.75	117,817.26	317,628.18
16.3	38.1	1.4	1.2	3.3	1.8	1.2

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA SYSTEM—Continued

Municipality	Parkhill	Petrolia	Plattsville	Point Edward	Port Colborne
Population	1,029	2,772	P.V.	1,175	6,772
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	....	900.00	....	....	29,470.68
Substation equipment	....	5,956.75	....	....	....
Distribution system—overhead	18,083.52	51,378.46	4,908.02	22,252.95	99,549.33
Distribution system—underground	....	....	....	....	....
Line transformers	6,431.54	33,442.33	2,400.32	7,633.43	32,339.91
Meters	4,933.62	17,469.43	2,540.27	6,286.08	27,230.30
Street light equipment, regular	1,027.53	6,647.48	158.29	3,252.88	5,030.76
Street light equipment, ornamental	....	....	....	....	16,611.59
Miscellaneous construction expense	1,690.40	6,044.95	616.11	963.34	6,935.76
Steam or hydraulic plant	....	....	....	....	....
Old plant	....	3,389.94	....	....	9,929.60
Total plant	32,166.61	125,229.34	10,623.01	40,388.68	227,097.93
Bank and cash balance	....	3,291.00	838.17	794.30	8,000.37
Securities and investments	5,500.00	15,900.00	4,000.00	14,000.00	30,000.00
Accounts receivable	556.43	2,253.77	20.54	811.37	19,565.63
Inventories	....	533.11	....	1,115.95	6,949.63
Sinking fund on local debentures	....	....	....	....	....
Equity in H-E.P.C. systems	19,407.00	103,674.76	9,255.14	60,672.83	99,465.26
Other assets	....	....	....	....	....
Total assets	57,630.04	250,881.98	24,736.86	117,783.13	391,078.82
Deficit	....	....	....	....	....
Total	57,630.04	250,881.98	24,736.86	117,783.13	391,078.82
LIABILITIES					
Debenture balance	396.60	8,441.00	928.10	2,330.64	31,271.72
Accounts payable	1,186.92	357.18	23.31	596.42	275.22
Bank overdraft	316.66	....	....	....	....
Other liabilities	105.00	1,039.56	....	441.92	20,035.02
Total liabilities	2,005.18	9,837.74	951.41	3,368.98	51,581.96
RESERVES					
For equity in H-E.P.C. systems	19,407.00	103,674.76	9,255.14	60,672.83	99,465.26
For depreciation	9,408.18	43,855.44	4,216.40	16,554.82	63,625.09
Other reserves	....	289.12	....	119.45	3,614.88
Total reserves	28,815.18	147,819.32	13,471.54	77,347.10	166,705.23
SURPLUS					
Debentures paid	14,233.42	41,559.00	4,308.90	14,669.36	114,728.28
Local sinking fund	....	....	....	....	....
Operating surplus	12,576.26	51,665.92	6,005.01	22,397.69	58,063.35
Total surplus	26,809.68	93,224.92	10,313.91	37,067.05	172,791.63
Total liabilities, reserves and surplus	57,630.04	250,881.98	24,736,86	117,783.13	391,078.82
Percentage of net debt to total assets	5.3	6.7	6.1	5.9	12.7

"A"—Continued

Hydro Municipalities as at December 31, 1941

Port Credit 1,906	Port Dalhousie 1,599	Port Dover 1,790	Port Rowan 700	Port Stanley 1,268	Preston 6,337	Princeton P.V.
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
675.00	....	248.75	....	1,574.60	....	....
....	....	....	....	....	57,024.08	....
35,143.71	22,786.93	35,939.94	10,313.03	27,358.66	90,418.36	4,447.86
....	....	....	....	....	....	....
13,945.85	14,016.57	13,656.32	1,883.34	13,698.19	55,746.21	2,975.16
13,316.62	12,753.28	10,352.91	2,594.10	12,124.33	41,769.15	1,488.24
5,180.06	1,041.19	2,767.73	893.23	2,145.89	5,592.76	207.93
....	....	....	....	....	....	....
2,184.41	2,720.76	3,672.34	743.11	7,930.16	8,491.75	101.73
....	....	....	....	....	....	....
....	6,018.38	....	....	577.51	32,126.75	....
70,445.65	59,337.11	66,637.99	16,426.81	65,409.34	291,169.06	9,220.92
3,626.67	1,464.42	1,934.85	1,307.11	789.51	7,389.66	792.62
....	3,000.00	2,000.00	5,000.00	10,000.00	15,000.00	4,000.00
1,522.15	1,691.67	1,860.80	18.47	142.35	13,876.14	504.09
....	....	50.58	....	14.00	6,561.51	....
....	....	....	....	....	....	....
41,399.17	36,643.47	26,309.63	6,915.77	41,169.42	263,600.09	9,495.07
....	....	20.00	....	....	524.72	....
116,993.64	102,136.67	98,813.85	29,668.16	117,524.62	598,121.18	24,012.70
....	....	....	....	....	....	....
116,993.64	102,136.67	98,813.85	29,668.16	117,524.62	598,121.18	24,012.70
2,785.87	411.29	....	4,715.86	....	16,814.46	629.02
2,827.60	385.35	149.79	....	477.98	9,107.91	165.09
....	....	....	....	....	....	....
981.20	955.00	824.00	205.00	386.69	1,044.44	25.00
6,594.67	1,751.64	973.79	4,920.86	864.67	26,966.81	819.11
41,399.17	36,643.47	26,309.63	6,915.77	41,169.42	263,600.09	9,495.07
22,025.85	9,637.76	16,519.51	4,575.37	17,265.73	143,872.92	2,799.80
505.75	200.00	....	....	75.23	552.83	....
63,930.77	46,481.23	42,829.14	11,491.14	58,510.38	408,025.84	12,294.87
11,714.13	22,088.71	29,000.00	6,284.14	18,950.00	135,985.54	2,920.98
....	....	....	....	....	....	....
34,754.07	31,815.09	26,010.92	6,972.02	39,199.57	27,142.99	7,977.74
46,468.20	53,903.80	55,010.92	13,256.16	58,149.57	163,128.53	10,898.72
116,993.64	102,136.67	98,813.85	29,668.16	117,524.62	598,121.18	24,012.70
8.7	2.7	1.3	21.6	1.1	8.1	5.6

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA SYSTEM—Continued

Municipality	Queenston	Richmond Hill	Ridgetown	Riverside	Rockwood
Population	P.V.	1,317	1,986	5,235	P.V.
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	....	....	3,171.88	8,962.98	79.00
Substation equipment	....	600.00	1,024.24	....	....
Distribution system—overhead	8,611.98	11,897.70	24,146.02	94,193.09	9,056.18
Distribution system—underground	....	....	....	....	....
Line transformers	3,281.64	11,154.98	12,534.81	31,724.00	3,490.91
Meters	1,863.98	6,891.76	10,496.36	27,699.45	3,434.79
Street light equipment, regular	435.63	1,334.77	6,709.88	....	731.82
Street light equipment, ornamental	....	....	1,431.73	19,163.24	....
Miscellaneous construction expense	2,610.16	965.63	1,131.27	6,964.75	528.96
Steam or hydraulic plant	....	....	....	....	....
Old plant	....	....	5,088.46	....	....
Total plant	16,803.39	32,844.84	65,734.65	188,707.51	17,321.66
Bank and cash balance	1,803.47	1,039.04	677.52	100.00	542.42
Securities and investments	1,000.00	1,500.00	7,000.00	18,000.00	1,300.00
Accounts receivable	127.38	369.68	1,206.08	11,339.27	33.47
Inventories	....	99.01	373.20	953.50	186.94
Sinking fund on local debentures	....	....	....	....	....
Equity in H-E.P.C. systems	7,041.01	19,995.85	43,262.80	82,931.61	11,441.19
Other assets	....	....	....	....	53.65
Total assets	26,775.25	55,848.42	118,254.25	302,031.89	30,879.33
Deficit	....	....	....	....	....
Total	26,775.25	55,848.42	118,254.25	302,031.89	30,879.33
LIABILITIES					
Debenture balance	778.42	605.24	2,643.40	14,437.50	1,549.03
Accounts payable	14.97	505.07	1,924.40	3,948.85	44.82
Bank overdraft	....	....	....	519.35	....
Other liabilities	70.00	541.09	2,258.21	21,560.03	106.00
Total liabilities	863.39	1,651.40	6,826.01	40,465.73	1,699.85
RESERVES					
For equity in H-E.P.C. systems	7,041.01	19,995.85	43,262.80	82,931.61	11,441.19
For depreciation	4,803.42	3,155.36	18,502.35	47,330.45	6,517.57
Other reserves	....	69.37	270.63	3,838.39	....
Total reserves	11,844.43	23,220.58	62,035.78	134,100.45	17,958.76
SURPLUS					
Debentures paid	8,721.58	11,594.76	16,812.59	68,062.50	2,950.97
Local sinking fund	....	....	....	....	....
Operating surplus	5,345.85	19,381.68	32,579.87	59,403.21	8,269.75
Total surplus	14,067.43	30,976.44	49,392.46	127,465.71	11,220.72
Total liabilities, reserves and surplus	26,775.25	55,848.42	118,254.25	302,031.89	30,879.33
Percentage of net debt to total assets	4.4	4.6	7.3	10.7	8.7

"A"—Continued

Hydro Municipalities as at December 31, 1941

Rodney 758	St. Catharines 28,625	St. Clair Beach †138	St. George P.V.	St. Jacobs P.V.	St. Marys 4,009
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
	55,475.10				18,538.13
	150,594.96				32,059.00
12,346.23	271,839.69	8,828.86	6,096.08	7,492.46	64,376.41
3,729.82	188,178.53	3,062.85	4,038.89	4,461.56	26,531.91
3,923.71	130,876.51	1,958.87	3,513.85	3,616.38	26,767.22
3,533.02	22,095.62		337.24	396.19	6,618.04
	29,486.71				
937.37	31,654.48	162.07	374.18	545.66	9,701.03
700.00	*63,507.89				20,696.85
25,170.15	943,709.49	14,012.65	14,360.24	16,512.25	205,288.59
287.86	29,463.16	699.43	1,121.52		1,209.25
2,700.00		1,500.00	4,000.00	6,000.00	5,000.00
71.53	62,931.98	306.24	56.35	1.81	1,313.84
	15,942.15				850.76
	103,687.22				2,299.37
13,727.62	606,105.83	6,884.45	14,298.84	16,507.17	134,689.05
	160.16				11.91
41,957.16	1,761,999.99	23,402.77	33,836.95	39,021.23	350,662.77
41,957.16	1,761,999.99	23,402.77	33,836.95	39,021.23	350,662.77
	149,250.00		1,124.12		19,325.06
	59,491.24	291.88	1.38	1,226.38	449.67
				134.39	
270.00	29,899.21	112.18	181.24		759.00
270.00	238,640.45	404.06	1,306.74	1,360.77	20,533.73
13,727.62	606,105.83	6,884.45	14,298.84	16,507.17	134,689.05
3,748.30	252,291.44	4,854.74	3,495.05	3,261.23	72,567.41
70.04	9,901.77	49.50			660.52
17,545.96	868,299.04	11,788.69	17,793.89	19,768.40	207,916.98
8,500.00	152,772.91	6,341.45	4,875.88	6,000.00	94,921.96
	103,687.22				2,299.37
15,641.20	398,600.37	4,868.57	9,860.44	11,892.06	24,990.73
24,141.20	655,060.50	11,210.02	14,736.32	17,892.06	122,212.06
41,957.16	1,761,999.99	23,402.77	33,836.95	39,021.23	350,662.77
1.0	10.3	2.4	6.7	6.0	8.5

*Includes $46,000 other plants not distributed. †Summer population 288.

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA SYSTEM—Continued

Municipality	St. Thomas	Sarnia	Scarborough Twp.	Seaforth
Population	16,461	17,979		1,782
ASSETS	$ c.	$ c.	$ c.	$ c.
Lands and buildings	78,729.06	119,220.75	20,054.77	1,836.39
Substation equipment	131,439.58	225,722.39	14,934.92	6,055.81
Distribution system—overhead	125,303.74	231,776.13	318,135.25	32,316.61
Distribution system—underground	52,815.87			
Line transformers	70,991.53	91,757.17	87,302.30	12,416.74
Meters	78,415.33	84,715.44	80,973.51	10,180.57
Street light equipment, regular	22,390.07	27,722.54	21,400.43	5,789.27
Street light equipment, ornamental	3,693.04	8,271.83		
Miscellaneous construction expense	16,911.82	23,781.32	6,950.86	1,559.37
Steam or hydraulic plant				
Old plant		55,445.72		
Total plant	580,690.04	868,413.29	549,752.04	70,154.76
Bank and cash balance	2,408.27	23,828.80	32,031.55	1,947.88
Securities and investments	63,000.00	115,000.00	60,000.00	1,100.00
Accounts receivable	19,005.39	22,297.78	14,257.60	1,320.79
Inventories	10,868.68	22,977.65		1,812.66
Sinking fund on local debentures				
Equity in H-E.P.C. systems	501,254.59	630,494.15	190,289.32	62,103.34
Other assets			50.51	
Total assets	1,177,226.97	1,683,011.67	846,381.02	138,439.43
Deficit				
Total	1,177,226.97	1,683,011.67	846,381.02	138,439.43
LIABILITIES				
Debenture balance		9,030.46	63,449.90	
Accounts payable	6,049.62	17.00	13,568.87	159.66
Bank overdraft				
Other liabilities	16,281.46	16,391.62	40,012.96	370.84
Total liabilities	22,331.08	25,439.08	117,031.73	530.50
RESERVES				
For equity in H-E.P.C. systems	501,254.59	630,494.15	190,289.32	62,103.34
For depreciation	192,250.08	232,294.08	149,651.06	25,812.33
Other reserves	513.36	2,638.65	821.86	333.66
Total reserves	694,018.03	865,426.88	340,762.24	88,249.33
SURPLUS				
Debentures paid	138,944.07	328,969.54	227,118.37	25,000.00
Local sinking fund				
Operating surplus	321,933.79	463,176.17	161,468.68	24,659.60
Total surplus	460,877.86	792,145.71	388,587.05	49,659.60
Total liabilities, reserves and surplus	1,177,226.97	1,683,011.67	846,381.02	138,439.43
Percentage of net debt to total assets	2.8	1.6	17.8	0.7

"A"—Continued

Hydro Municipalities as at December 31, 1941

Simcoe 6,340	Smithville P.V.	Springfield 382	Stamford Twp.	Stouffville 1,198	Stratford 17,163	Strathroy 2,834
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
10,701.89			7,572.14		141,455.78	8,856.05
41,527.90			38,143.09		176,323.28	23,640.34
58,742.16	10,889.94	10,160.87	154,557.59	14,011.05	158,637.48	50,779.39
1,412.24					22,971.15	
42,439.49	4,118.05	3,003.15	58,110.24	5,583.04	106,077.31	25,821.55
36,460.19	4,285.39	2,273.09	44,060.59	6,112.24	88,863.62	18,158.55
8,352.17	1,630.00	609.47	10,531.38	1,613.55	25,809.76	6,238.53
3,500.00						
7,416.40	277.98	685.08	13,568.97	611.81	36,295.91	2,910.35
927.92	1,878.98		13,743.66		31,520.00	12,343.15
211,480.36	23,080.34	16,731.66	340,287.66	27,931.69	787,954.29	148,747.91
13,531.47	4,398.78	65.11	5,640.58	1,890.23	22,974.84	2,388.51
35,000.00		2,500.00		13,000.00	90,000.00	23,000.00
956.55	236.67	806.01	21,178.30	39.96	18,079.22	2,044.56
4,389.54			9,626.50		14,449.98	3,230.79
					171,324.14	
108,569.15		9,306.02	98,893.39	16,892.38	607,011.67	89,618.15
			664.49		1,242.93	1,062.33
373,927.07	27,715.79	29,408.80	476,290.92	59,754.26	1,713,037.07	270,092.25
373,927.07	27,715.79	29,408.80	476,290.92	59,754.26	1,713,037.07	270,092.25
25,037.12	7,792.03	1,880.97	72,475.72		215,000.00	19,732.57
1,142.83	57.81	9.08	5,255.81	101.79	1,325.37	304.10
4,088.06	80.00		5,192.47	315.60	5,609.64	1,012.49
30,268.01	7,929.84	1,890.05	82,924.00	417.39	221,935.01	21,049.16
108,569.15		9,306.02	98,893.39	16,892.38	607,011.67	89,618.15
34,970.15	5,442.91	2,573.46	70,451.83	5,589.62	347,924.71	44,402.87
15,000.00			3,950.10	46.82	4,330.80	1,129.76
158,539.30	5,442.91	11,879.48	173,295.32	22,528.82	959,267.18	135,150.78
50,397.78	7,207.97	7,619.03	167,802.45	14,673.90	240,800.00	46,499.43
					171,324.14	
134,721.98	7,135.07	8,020.24	52,269.15	22,134.15	119,710.74	67,392.88
185,119.76	14,343.04	15,639.27	220,071.60	36,808.05	531,834.88	113,892.31
373,927.07	27,715.79	29,408.80	476,290.92	59,754.26	1,713,037.07	270,092.25
10.2	29.0	9.4	21.9	0.9	5.4	11.7

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA SYSTEM—Continued

Municipality	Streets-ville	Sutton	Swansea	Tavistock	Tecumseh
Population	697	949	6,606	1,080	2,237
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	8,483.49			3,640.33	1,232.16
Substation equipment	1,172.04				
Distribution system—overhead	9,530.32	21,002.17	78,587.84	13,804.14	37,317.74
Distribution system—underground					
Line transformers	7,109.91	8,489.81	50,864.83	10,040.17	11,242.92
Meters	4,035.83	7,275.90	36,766.10	6,430.92	12,738.53
Street light equipment, regular	1,619.31	1,932.90	10,681.49	1,102.93	
Street light equipment, ornamental					4,760.95
Miscellaneous construction expense	964.87	1,791.70	5,606.88	1,255.71	2,126.54
Steam or hydraulic plant	10,641.55				
Old plant		675.00			
Total plant	43,557.32	41,167.48	182,507.14	36,274.20	69,418.84
Bank and cash balance	1,376.39	3,729.47	4,730.66	273.68	2,377.11
Securities and investments	1,500.00	4,000.00	12,500.00	4,000.00	3,000.00
Accounts receivable	952.00	476.71	2,000.72	220.35	1,530.77
Inventories			34.11	514.26	
Sinking fund on local debentures					
Equity in H-E.P.C. systems	1,974.54	16,616.33	79,690.89	45,803.78	26,220.69
Other assets			60.00		
Total assets	49,360.25	65,989.99	281,523.52	87,086.27	102,547.41
Deficit					
Total	49,360.25	65,989.99	281,523.52	87,086.27	102,547.41
LIABILITIES					
Debenture balance	10,552.73	2,480.46	64,755.24	1,689.92	594.89
Accounts payable	204.54		2,265.76	479.82	1,601.96
Bank overdraft					
Other liabilities	228.87		5,490.93		5,626.26
Total liabilities	10,986.14	2,480.46	72,511.93	2,169.74	7,823.11
RESERVES					
For equity in H-E.P.C. systems	1,974.54	16,616.33	79,690.89	45,803.78	26,220.69
For depreciation	5,530.21	11,219.25	52,661.81	14,101.02	17,171.54
Other reserves	2.37	65.97	350.00		468.92
Total reserves	7,507.12	27,901.55	132,702.70	59,904.80	43,861.15
SURPLUS					
Debentures paid	6,992.35	23,519.54	37,911.72	4,310.08	25,405.11
Local sinking fund					
Operating surplus	23,874.64	12,088.44	38,397.17	20,701.65	25,458.04
Total surplus	30,866.99	35,607.98	76,308.89	25,011.73	50,863.15
Total liabilities, reserves and surplus	49,360.25	65,989.99	281,523.52	87,086.27	102,547.41
Percentage of net debt to total assets	23.2	5.0	35.9	5.2	4.3

"A"—Continued

Hydro Municipalities as at December 31, 1941

Thamesford P.V.	Thamesville 816	Thedford 598	Thorndale P.V.	Thorold 5,080	Tilbury 1,989	Tillsonburg 4,602
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
....	681.69	....	....	10,263.37	11,712.47	4,824.27
....	....	....	....	....	....	21,886.59
7,779.31	12,956.91	9,912.07	3,836.96	42,712.58	17,636.81	51,142.35
....	....	....	....	....	....	....
3,845.07	5,364.88	3,798.95	2,045.45	23,816.58	14,850.39	23,172.79
3,221.29	4,610.19	2,862.42	1,942.10	23,642.39	8,016.94	23,017.08
298.97	2,267.33	903.22	181.19	3,244.74	1,080.92	12,363.19
....	....	....	....	....	....	....
443.14	537.84	1,553.05	310.45	3,709.02	1,975.56	4,397.80
....	....	....	....	13,313.74	....	....
....	4,445.68	433.78	....	3,800.00	3,049.47	....
15,587.78	30,864.52	19,463.49	8,316.15	124,502.42	58,322.56	140,804.07
....	2,396.60	942.96	740.95	7,821.38	287.77	8,838.86
7,000.00	9,000.00	6,500.00	1,500.00	45,000.00	8,000.00	5,000.00
35.62	102.89	105.88	458.24	574.86	317.55	2,275.17
....	....	....	....	3,584.42	5.99	3,601.88
....	....	....	....	....	....	....
17,277.84	17,718.20	9,606.57	8,609.26	102,236.85	46,942.44	89,180.87
....	....	....	....	150.22	0.48	....
39,901.24	60,082.21	36,618.90	19,624.60	283,870.15	113,876.79	249,700.85
....	....	....	....	....	....	....
39,901.24	60,082.21	36,618.90	19,624.60	283,870.15	113,876.79	249,700.85
412.85	....	....	560.15	....	1,941.93	9,664.18
....	53.61	107.22	1.71	566.13	296.88	41.48
219.86	....	....	....	....	....	....
82.00	361.00	17.31	50.57	2,603.00	21.43	4,049.55
714.71	414.61	124.53	612.43	3,169.13	2,260.24	13,755.21
17,277.84	17,718.20	9,606.57	8,609.26	102,236.85	46,942.44	89,180.87
6,181.71	11,459.14	5,482.56	4,621.84	40,025.10	17,932.27	31,934.49
....	157.94	....	22.88	....	141.11	833.04
23,459.55	29,335.28	15,089.13	13,253.98	142,261.95	65,015.82	121,948.40
4,945.18	11,187.80	16,500.00	2,526.33	5,000.00	12,058.07	36,335.82
....	....	....	....	....	....	....
10,781.80	19,144.52	4,905.24	3,231.86	133,439.07	34,542.66	77,661.42
15,726.98	30,332.32	21,405.24	5,758.19	138,439.07	46,600.73	113,997.24
39,901.24	60,082.21	36,618.90	19,624.60	283,870.15	113,876.79	249,700.85
3.2	1.0	0.5	5.5	1.7	3.4	8.5

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA SYSTEM—Continued

Municipality	Toronto	Toronto Twp.	Trafalgar Twp. Area No. 1	Trafalgar Twp. Area No. 2
Population	648,098			
ASSETS	$ c.	$ c.	$ c.	$ c.
Lands and buildings	5,536,677.50	7,283.72	156.34	
Substation equipment	14,879,238.48			
Distribution system—overhead	6,925,861.72	210,202.12	23,730.37	12,439.77
Distribution system underground	4,166,101.69			
Line transformers	3,565,762.70	80,629.68	10,799.87	2,712.64
Meters	3,072,334.28	46,160.95	5,516.81	1,739.86
Street light equipment, regular	507,915.20	5,446.76		
Street light equipment, ornamental				
Miscellaneous construction expense	2,538,908.88	5,549.86	1,872.54	330.81
Steam or hydraulic plant				
Old plant		619.65		
Total plant	41,192,800.45	355,892.74	42,075.93	17,223.08
Bank and cash balance	1,535,325.23	6,671.06	2,589.88	1,302.29
Securities and investments	2,960,951.30	16,000.00	6,500.00	6,000.00
Accounts receivable	2,018,577.71	1,326.82	1,006.04	316.89
Inventories	781,630.98	39.50		
Sinking fund on local debentures	3,571,915.84			
Equity in H-E.P.C. systems	19,052,706.83	113,210.34	4,845.88	1,526.90
Other assets	813.52			
Total assets	71,114,721.86	493,140.46	57,017.73	26,369.16
Deficit				
Total	71,114,721.86	493,140.46	57,017.73	26,369.16
LIABILITIES				
Debenture balance	10,531,540.02	14,543.85	3,089.96	7,951.08
Accounts payable	1,573,325.03	2,510.83	119.44	177.60
Bank overdraft				
Other liabilities	150,021.93	3,977.12		
Total liabilities	12,254,886.98	21,031.80	3,209.40	8,128.68
RESERVES				
For equity in H-E.P.C systems	19,052,706.83	113,210.34	4,845.88	1,526.90
For depreciation	10,772,949.40	149,550.45	20,583.11	4,028.15
Other reserves	1,243,016.31	773.15		
Total reserves	31,068,672.54	263,533.94	25,428.99	5,555.05
SURPLUS				
Debentures paid	20,124,761.01	89,456.15	16,336.45	1,510.07
Local sinking fund	3,571,915.84			
Operating surplus	4,094,485.49	119,118.57	12,042.89	11,175.36
Total surplus	27,791,162.34	208,574.72	28,379.34	12,685.43
Total liabilities, reserves and surplus	71,114,721.86	493,140.46	57,017.73	26,369.16
Percentage of net debt to total assets	17.9	5.5	6.1	32.7

"A"—Continued

Hydro Municipalities as at December 31, 1941

Wallaceburg 4,802	Wardsville 221	Waterdown 867	Waterford 1,294	Waterloo 8,690	Watford 1,023	Welland 11,568
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
45,473.22	....	200.00	1,273.13	15,166.17	....	77,006.74
11,425.11	....	....	....	79,251.93	....	134,744.21
63,551.82	5,313.56	16,588.66	16,650.30	98,436.89	17,900.17	157,056.79
....	....	....	....	....	....	8,044.90
43,668.26	1,501.32	7,669.98	8,724.89	53,767.48	7,741.62	81,407.70
24,423.82	1,375.01	6,193.85	7,414.38	43,407.69	6,010.90	74,706.60
11,578.31	662.94	1,104.66	3,231.62	14,318.75	2,757.32	9,208.84
....	....	....	....	3,106.80	....	39,049.25
4,484.29	495.73	27.17	847.48	6,399.57	2,123.12	12,305.82
....	....	....	....	....	....	....
20,941.07	193.94	....	....	23,880.17	....	49,476.19
225,545.90	9,542.50	31,784.32	38,141.80	337,735.45	36,533.13	643,007.04
373.20	....	3,972.47	2,014.68	8,882.42	184.41	65,541.31
30,000.00	1,500.00	5,000.00	6,300.00	47,000.00	6,800.00	43,079.67
8,011.80	1,719.03	886.07	20.86	1,694.00	445.68	2,737.47
12,218.29	....	....	168.88	1,619.90	265.66	20,049.50
....	....	....	....	....	....	*79,404.05
189,271.52	3,711.50	22,799.06	32,471.51	264,534.75	23,675.99	309,948.42
....	....	....	....	73.33	25.00	193.16
465,420.71	16,473.03	64,441.92	79,117.73	661,539.85	67,929.87	1,163,960.62
....	....	....	....	....	....	....
465,420.71	16,473.03	64,441.92	79,117.73	661,539.85	67,929.87	1,163,960.62
17,080.34	....	....	....	....	....	106,932.10
335.72	184.66	....	91.87	66.25	138.37	20,966.98
2,198.15	84.80	....	....	....	....	....
2,808.05	....	145.00	....	3,106.80	311.41	48,746.63
22,422.26	269.46	145.00	91.87	3,173.05	449.78	176,645.71
189,271.52	3,711.50	22,799.06	32,471.51	264,534.75	23,675.99	309,948.42
61,834.20	3,895.75	8,556.12	14,159.31	155,316.09	11,690.79	172,386.84
1,238.06	25.22	....	....	735.26	110.16	2,920.32
252,343.78	7,632.47	31,355.18	46,630.82	420,586.10	35,476.94	485,255.58
54,456.24	7,562.40	8,000.00	7,745.53	106,000.00	9,055.77	168,067.90
....	....	....	....	....	....	*79,404.05
136,198.43	1,008.70	24,941.74	24,649.51	131,780.70	22,947.38	254,587.38
190,654.67	8,571.10	32,941.74	32,395.04	237,780.70	32,003.15	502,059.33
465,420.71	16,473.03	64,441.92	79,117.73	661,539.85	67,929.87	1,163,960.62
8.1	2.1	0.2	0.2	0.1	1.1	7.9

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*Interest improvement for years 1938-41 inclusive not included.

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA SYSTEM—Concluded

Municipality	Wellesley	West Lorne	Weston	Wheatley	Windsor
Population	P.V.	768	5,289	761	103,571
Assets	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings			11,903.31		547,479.39
Substation equipment			70,399.31		1,195,549.32
Distribution system—overhead	7,610.66	12,389.09	66,542.02	16,642.56	1,307,083.92
Distribution system—underground					174,248.18
Line transformers	3,012.12	5,947.79	45,521.42	4,445.03	577,082.31
Meters	2,842.11	4,040.42	30,155.39	4,617.23	532,186.36
Street light equipment, regular	545.11	858.36	29,981.90	1,918.67	83,766.84
Street light equipment, ornamental					1,021,495.33
Miscellaneous construction expense	339.76	457.52	9,145.49	801.23	196,479.22
Steam or hydraulic plant					
Old plant		1,250.00		2,569.50	166,440.66
Total plant	14,349.76	24,943.18	263,648.84	30,994.22	5,801,811.53
Bank and cash balance		1,161.50	75.00	1,523.86	1,075.00
Securities and investments	4,500.00	4,500.00		10,500.00	1,036,952.17
Accounts receivable		18.13	755.83	239.32	189,131.63
Inventories		52.41	456.11	194.02	236,063.81
Sinking fund on local debentures					62,195.85
Equity in H-E.P.C. systems	16,481.37	25,299.40	238,498.52	13,674.53	3,059,756.58
Other assets		146.86			4,701.50
Total assets	35,331.13	56,121.48	503,434.30	57,125.95	10,391,688.07
Deficit					
Total	35,331.13	56,121.48	503,434.30	57,125.95	10,391,688.07
LIABILITIES					
Debenture balance			7,626.98	2,008.48	598,122.51
Accounts payable		23.97	8,009.35	69.16	117,839.84
Bank overdraft	290.49		4,824.50		100,252.24
Other liabilities		128.15	3,187.84		1,133,977.26
Total liabilities	290.49	152.12	23,648.67	2,077.64	1,950,191.85
RESERVES					
For equity in H-E.P.C. systems	16,481.37	25,299.40	238,498.52	13,674.53	3,059,756.58
For depreciation	4,148.23	10,236.25	44,977.05	7,839.83	1,326,218.04
Other reserves		65.12	554.25	48.46	437,970.21
Total reserves	20,629.60	35,600.77	284,029.82	21,562.82	4,823,944.83
SURPLUS					
Debentures paid	7,500.00	8,000.00	62,405.46	10,991.52	1,985,709.54
Local sinking fund					62,195.85
Operating surplus	6,911.04	12,368.59	133,350.35	22,493.97	1,569,646.00
Total surplus	14,411.04	20,368.59	195,755.81	33,485.49	3,617,551.39
Total liabilities, reserves and surplus	35,331.13	56,121.48	503,434.30	57,125.95	10,391,688.07
Percentage of net debt to total assets	1.5	0.5	8.9	4.8	14.9

"A"—Continued

Hydro Municipalities as at December 31, 1941

Woodbridge 946	Woodstock 12,325	Wyoming 530	York Twp.	Zurich P.V.	NIAGARA SYSTEM SUMMARY
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
	40,771.99	50.00	73,278.86		9,538,164.56
	116,858.55		6,245.09		22,604,188.70
18,825.61	133,376.78	10,558.40	772,595.82	7,373.89	19,509,878.69
					5,830,340.72
7,357.37	70,157.39	1,508.00	325,510.33	2,487.93	9,810,105.12
5,880.88	65,301.98	3,148.86	323,612.28	2,847.81	8,439,950.74
574.03	22,624.70	358.65	55,989.93	471.82	2,026,009.54
					1,540,369.82
1,441.92	5,524.70	887.52	60,600.15	463.93	3,799,232.23
					25,155.29
				150.00	791,644.35
34,079.81	454,616.09	16,511.43	1,617,832.46	13,795.38	83,915,039.76
558.05	22,818.22	620.55	200.00	417.38	2,420,280.93
4,000.00	64,000.00	500.00		6,500.00	5,996,421.79
153.49	5,151.04	14.37	77,273.73	30.88	3,521,012.19
	630.11		29,518.70		1,681,213.11
					4,552,247.26
31,317.16	404,172.48	8,322.86	647,170.08	13,289.12	45,610,003.56
	10,530.37		52,549.06		194,565.35
70,108.51	961,918.31	25,969.21	2,424,544.03	34,032.76	147,890,783.95
					1,128.59
70,108.51	961,918.31	25,969.21	2,424,544.03	34,032.76	147,891,912.54
2,049.94			129,398.07	1,951.35	15,416,966.00
1,027.88	925.14	231.29	11,365.09	158.87	2,564,038.82
			14,552.27		180,097.99
510.31	8,443.80	60.00	21,060.84	10.00	2,773,890.17
3,588.13	9,368.94	291.29	176,376.27	2,120.22	20,934,992.98
31,317.16	404,172.48	8,322.86	647,170.08	13,289.12	45,610,003.56
11,521.00	204,719.01	5,288.66	623,946.19	7,018.62	22,660,746.43
	15,766.97		9,474.25		2,753,218.95
42,838.16	624,658.46	13,611.52	1,280,590.52	20,307.74	71,023,968.94
6,450.03	127,385.63	9,700.00	359,976.58	3,640.26	34,484,600.59
					4,552,247.26
17,232.19	200,505.28	2,366.40	607,600.66	7,964.54	16,896,102.77
23,682.22	327,890.91	12,066.40	967,577.24	11,604.80	55,932,950.62
70,108.51	961,918.31	25,969.21	2,424,544.03	34,032.76	147,891,912.54
9.2	1.7	1.7	10.2	10.4	15.4

STATEMENT

Balance Sheets of Electrical Departments of

GEORGIAN BAY SYSTEM

Municipality	Alliston	Arthur	Barrie	Beaverton	Beeton
Population	1,715	1,089	10,095	925	617
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings			16,550.75	499.50	
Substation equipment	675.73		18,884.56		428.50
Distribution system—overhead	28,853.12	18,200.33	70,895.62	25,310.89	11,896.38
Distribution system—underground			66,437.67		
Line transformers	8,265.52	4,739.78	45,817.75	8,571.64	2,985.94
Meters	8,234.49	4,596.19	52,888.29	7,147.13	2,351.61
Street light equipment, regular	1,567.17	796.21	13,305.29	1,316.79	1,169.54
Street light equipment, ornamental					
Miscellaneous construction expense	2,549.60	295.10	3,449.27	2,362.96	1,574.78
Steam or hydraulic plant					
Old plant	7,846.49	1,086.62		3,772.42	
Total plant	57,992.12	29,714.23	288,229.20	48,981.33	20,406.75
Bank and cash balance	354.94	468.52	75.00	1,253.45	2,341.95
Securities and investments	9,000.00	1,000.00		7,000.00	2,000.00
Accounts receivable	376.90	131.99	17,306.10	1,387.76	105.47
Inventories	65.36		4,629.61		
Sinking fund on local debentures					
Equity in H-E.P.C. systems	23,557.73	19,823.79	153,510.23	20,975.99	15,829.66
Other assets	390.42	405.00	13,789.85		
Total assets	91,737.47	51,543.53	477,539.99	79,598.53	40,683.83
Deficit		13,128.65			664.15
Total	91,737.47	64,672.18	477,539.99	79,598.53	41,347.98
LIABILITIES					
Debenture balance	11,862.69	10,117.26	9,193.02	1,209.58	5,646.18
Accounts payable	96.09	484.42	17,996.18	1,359.93	0.02
Bank overdraft			5,475.56		
Other liabilities	276.10	405.00	4,179.45	567.04	
Total liabilities	12,234.88	11,006.68	36,844.21	3,136.55	5,646.20
RESERVES					
For equity in H-E.P.C. systems	23,557.73	19,823.79	153,510.23	20,975.99	15,829.66
For depreciation	21,027.24	18,958.97	106,632.14	16,588.24	10,418.30
Other reserves	73.94		400.00	400.00	100.00
Total reserves	44,658.91	38,782.76	260,542.37	37,964.23	26,347.96
SURPLUS					
Debentures paid	28,137.31	14,882.74	56,172.66	13,790.42	9,353.82
Local sinking fund					
Operating surplus	6,706.37		123,980.75	24,707.33	
Total surplus	34,843.68	14,882.74	180,153.41	38,497.75	9,353.82
Total liabilities, reserves and surplus	91,737.47	64,672.18	477,539.99	79,598.53	41,347.98
Percentage of net debt to total assets	17.9	34.7	11.4	5.4	22.7

"A"—Continued

Hydro Municipalities as at December 31, 1941

Bradford 1,041	Brechin P.V.	Cannington 761	Chatsworth 333	Chesley 1,812	Coldwater 606	Collingwood 5,636
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
....	....	....	364.89	6,000.00	275.00	15,950.08
388.50	....	....	....	2,305.58	....	11,203.24
20,811.96	2,135.59	11,898.15	5,302.45	22,422.49	9,442.31	55,155.39
....	....	....	....	....	....	....
5,411.40	1,266.71	5,375.14	2,309.52	9,078.66	3,726.86	19,161.96
5,709.57	889.42	4,950.65	1,891.51	7,264.52	3,211.09	26,043.34
544.95	248.55	988.37	529.17	2,506.98	775.02	2,940.72
....	....	....	....	....	....	....
1,977.52	546.92	621.73	491.27	3,799.37	268.38	1,770.99
....	....	....	....	....	....	....
....	....	3,609.37	....	....	....	....
34,843.90	5,087.19	27,443.41	10,888.81	53,377.60	17,698.66	132,225.72
3,776.12	372.60	1,881.15	205.41	15.00	942.43	2,882.87
7,000.00	500.00	1,500.00	1,500.00	5,000.00	4,000.00	26,000.00
147.96	692.37	216.86	340.31	64.42	1,003.24	793.54
....	....	270.08	....	440.56	....	....
....	....	....	....	....	....	....
18,473.49	7,838.87	15,841.57	4,509.69	36,791.95	15,370.19	138,484.05
90.00	....	....	....	1,409.12	....	23.84
64,331.47	14,491.03	47,153.07	17,444.22	97,098.65	39,014.52	300,410.02
....	....	....	....	....	....	....
64,331.47	14,491.03	47,153.07	17,444.22	97,098.65	39,014.52	300,410.02
9,356.08	1,142.90	2,227.72	....	....	889.15	....
998.59	67.74	146.51	20.44	9,013.03	48.84	1,410.99
....	....	....	....	1,027.06	....	....
255.00	97.96	49.00	122.36	....	251.87	2,361.31
10,609.67	1,308.60	2,423.23	142.80	10,040.09	1,189.86	3,772.30
18,473.49	7,838.87	15,841.57	4,509.69	36,791.95	15,370.19	138,484.05
14,479.31	2,045.59	12,807.23	3,907.60	16,180.48	10,712.45	67,043.57
25.00	80.09	39.05	....	....	80.00	200.00
32,977.80	9,964.55	28,687.85	8,417.29	52,972.43	26,162.64	205,727.62
15,843.92	2,068.02	12,772.28	5,400.00	27,500.00	6,110.85	38,183.42
....	....	....	....	....	....	....
4,900.08	1,149.86	3,269.71	3,484.13	6,586.13	5,551.17	52,726.68
20,744.00	3,217.88	16,041.99	8,884.13	34,086.13	11,662.02	90,910.10
64,331.47	14,491.03	47,153.07	17,444.22	97,098.65	39,014.52	300,410.02
23.1	19.7	7.7	1.1	16.6	5.0	2.3

STATEMENT

Balance Sheets of Electrical Departments of

GEORGIAN BAY SYSTEM—Continued

Municipality	Cookstown	Creemore	Dundalk	Durham	Elmvale
Population	P.V.	661	686	1,874	P.V.
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	70.00	....	....	204.18	106.25
Substation equipment	392.95	....	....	546.02	2,273.07
Distribution system—overhead	9,693.20	7,669.57	8,608.62	23,075.28	9,712.45
Distribution system—underground	....	....	....	....	....
Line transformers	2,535.85	3,676.20	4,245.50	9,177.89	3,821.64
Meters	2,509.51	3,262.37	3,342.05	8,010.06	4,037.61
Street light equipment, regular	919.69	358.56	1,203.31	1,545.06	447.17
Street light equipment, ornamental	....	....	....	....	....
Miscellaneous construction expense	1,542.38	77.02	295.62	1,286.66	513.10
Steam or hydraulic plant	....	....	....	....	....
Old plant	....	....	....	2,091.39	....
Total plant	17,663.58	15,043.72	17,695.10	45,936.54	20,911.29
Bank and cash balance	4,880.37	381.34	635.59	209.12	1,767.41
Securities and investments	4,000.00	5,000.00	4,000.00	9,000.00	6,700.00
Accounts receivable	624.57	191.51	162.01	743.31	229.33
Inventories	....	....	6.50	670.99	....
Sinking fund on local debentures	....	....	....	....	....
Equity in H-E.P.C. systems	5,449.94	12,133.47	12,805.92	31,646.48	15,413.47
Other assets	....	....	....	91.29	....
Total assets	32,618.46	32,750.04	35,305.12	88,297.73	45,021.50
Deficit	....	....	....	....	....
Total	32,618.46	32,750.04	35,305.12	88,297.73	45,021.50
LIABILITIES					
Debenture balance	3,520.51	....	....	....	433.65
Accounts payable	0.42	734.16	1.57	....	387.82
Bank overdraft	....	....	....	....	....
Other liabilities	85.00	237.00	....	....	21.00
Total liabilities	3,605.93	971.16	1.57	....	842.47
RESERVES					
For equity in H-E.P.C. systems	5,449.94	12,133.47	12,805.92	31,646.48	15,413.47
For depreciation	9,161.85	6,554.60	7,381.51	16,436.37	10,094.49
Other reserves	....	50.00	....	....	17.73
Total reserves	14,611.79	18,738.07	20,187.43	48,082.85	25,525.69
SURPLUS					
Debentures paid	9,979.49	2,823.61	5,955.96	25,800.00	6,566.35
Local sinking fund	....	....	....	....	....
Operating surplus	4,421.25	10,217.20	9,160.16	14,414.88	12,086.99
Total surplus	14,400.74	13,040.81	15,116.12	40,214.88	18,653.34
Total liabilities, reserves and surplus	32,618.46	32,750.04	35,305.12	88,297.73	45,021.50
Percentage of net debt to total assets	13.3	9.1	0.0	0.0	2.8

"A"—Continued

Hydro Municipalities as at December 31, 1941

Elmwood P.V.	Flesherton 452	Grand Valley 645	Gravenhurst 2,261	Hanover 3,190	Holstein P.V.	Huntsville 2,943
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
...	408.78	36.50	10,072.27	3,879.03	...	353.52
...	...	...	10,986.03	9,271.19	...	647.30
5,194.07	5,970.17	12,195.18	39,803.54	51,504.53	2,255.72	22,020.09
...	...	...	1,941.77	...	...	...
1,100.67	2,646.59	2,894.74	15,986.39	22,390.56	1,011.04	14,409.34
1,295.51	2,463.21	3,689.40	13,577.23	18,165.68	797.04	13,985.51
372.71	802.19	1,051.12	4,472.25	2,350.30	170.44	7,489.65
...	...	...	...	...	...	...
1,093.62	1,072.48	296.06	2,770.56	6,214.46	188.31	1,385.19
...	...	...	...	...	...	...
...	...	...	18,130.29	2,370.91	...	5,156.20
9,056.58	13,363.42	20,163.00	117,740.33	116,146.66	4,422.55	65,446.80
526.55	1,467.00	1,371.76	1,466.46	6,878.33	377.61	817.29
3,500.00	5,500.00	6,128.60	...	32,848.98	2,500.00	8,000.00
	43.78	105.25	1,036.10	557.37	57.50	1,080.93
...	...	...	994.19	121.21	...	3,980.20
...	...	...	...	...	...	...
4,181.99	6,754.40	12,306.58	28,956.02	83,031.19	2,736.95	59,945.50
...	...	...	276.67	672.80	...	...
17,265.12	27,128.60	40,075.19	150,469.77	240,256.54	10,094.61	139,270.72
...	...	...	...	...	...	...
17,265.12	27,128.60	40,075.19	150,469.77	240,256.54	10,094.61	139,270.72
...	1,268.67	...	...	...	...	...
31.83	9.10	2.68	6,042.09	...	3.79	607.67
...	...	...	...	...	...	...
...	...	...	890.00	693.99	...	1,657.07
31.83	1,277.77	2.68	6,932.09	693.99	3.79	2,264.74
4,181.99	6,754.40	12,306.58	28,956.02	83,031.19	2,736.95	59,945.50
3,476.90	4,908.18	9,872.09	29,916.67	63,540.84	2,066.55	15,306.18
...	...	...	500.00	...	...	400.00
7,658.89	11,662.58	22,178.67	59,372.69	146,572.03	4,803.50	75,651.68
7,200.00	5,431.33	11,000.00	63,968.41	87,500.00	2,762.05	21,133.54
...	...	...	...	...	...	...
2,374.40	8,756.92	6,893.84	20,196.58	5,490.52	2,525.27	40,220.76
9,574.40	14,188.25	17,893.84	84,164.99	92,990.52	5,287.32	61,354.30
17,265.12	27,128.60	40,075.19	150,469.77	240,256.54	10,094.61	139,270.72
0.2	6.3	0.0	5.7	0.4	0.0	2.9

STATEMENT

Balance Sheets of Electrical Departments of

GEORGIAN BAY SYSTEM—Continued

Municipality	Kincardine	Kirkfield	Lucknow	Markdale	Meaford
Population	2,483	P.V.	977	776	2,759
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	6,531.80				1,144.18
Substation equipment	2,794.20			780.80	3,849.47
Distribution system—overhead	44,459.20	5,179.43	20,870.73	11,388.05	33,425.36
Distribution system—underground					
Line transformers	13,306.09	757.90	8,319.06	5,750.80	9,097.50
Meters	12,477.25	814.97	5,321.46	4,413.20	9,585.34
Street light equipment, regular	6,076.00	379.00	1,509.55	1,390.15	3,595.33
Street light equipment, ornamental					
Miscellaneous construction expense	5,066.07	234.11	2,380.36	591.61	2,466.54
Steam or hydraulic plant					
Old plant				2,080.65	3,452.38
Total plant	90,710.61	7,365.41	38,401.16	26,395.26	66,616.10
Bank and cash balance	7,427.04	665.01	443.16	1,286.03	342.69
Securities and investments	7,000.00		2,000.00	4,755.13	13,000.00
Accounts receivable	626.16	387.28	524.37	699.67	312.10
Inventories	957.21	38.29			32.91
Sinking fund on local debentures					
Equity in H-E.P.C. systems	42,791.79	3,253.27	19,737.42	10,389.71	30,007.26
Other assets	447.13				126.61
Total assets	149,959.94	11,709.26	61,106.11	43,525.80	110,437.67
Deficit		1,685.22			
Total	149,959.94	13,394.48	61,106.11	43,525.80	110,437.67
LIABILITIES					
Debenture balance	1,586.34		807.00	2,266.24	9,042.42
Accounts payable	331.28	5.94		2.47	190.60
Bank overdraft					
Other liabilities	4.00	40.99	5.00	22.00	2,235.46
Total liabilities	1,921.62	46.93	812.00	2,290.71	11,468.48
RESERVES					
For equity in H-E.P.C. systems	42,791.79	3,253.27	19,737.42	10,389.71	30,007.26
For depreciation	34,432.40	3,894.28	10,445.64	8,900.73	16,723.77
Other reserves	78.44	200.00			40.00
Total reserves	77,302.63	7,347.55	30,183.06	19,290.44	46,771.03
SURPLUS					
Debentures paid	62,613.66	6,000.00	18,906.16	6,733.76	40,317.78
Local sinking fund					
Operating surplus	8,122.03		11,204.89	15,210.89	11,880.38
Total surplus	70,735.69	6,000.00	30,111.05	21,944.65	52,198.16
Total liabilities, reserves and surplus	149,959.94	13,394.48	61,106.11	43,525.80	110,437.67
Percentage of net debt to total assets	1.8	0.6	2.0	6.9	14.3

"A"—Continued

Hydro Municipalities as at December 31, 1941

Midland 6,627	Mildmay 764	Mount Forest 1,936	Neustadt 431	Orangeville 2,558	Owen Sound 13,599	Paisley 730
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
19,983.57	....	3,725.00	....	2,585.07	27,107.19	....
85,264.20	....	686.75	....	1,169.00	17,973.04	1,923.46
98,887.54	6,234.75	23,224.98	10,430.88	36,757.90	119,855.13	12,144.09
....	....	....	....	....	....	....
27,992.36	1,877.31	7,929.09	3,910.81	10,882.24	62,299.16	1,857.15
40,171.20	3,035.37	8,726.82	2,390.65	13,995.13	66,863.56	3,355.11
19,322.71	577.24	2,397.89	496.41	7,532.55	31,027.61	1,045.51
....	....	....	....	....	....	....
3,297.39	868.60	2,054.63	1,504.28	6,302.24	3,282.88	672.29
....	....	....	....	....	33,282.00	....
....	849.00	3,810.95	1,097.60	3,204.99	....	1,745.00
294,918.97	13,442.27	52,556.11	19,830.63	82,429.12	361,690.57	22,742.61
75.00	1,484.02	2,159.10	1,563.61	20.00	1,201.03	619.54
45,568.06	3,500.00	4,000.00	6,000.00	14,000.00	5,000.00	4,000.00
9,129.91	....	255.60	79.56	476.21	5,097.21	116.18
3,917.22	....	42.79	10.50	282.17	11,354.03	....
....	....	....	....	....	....	....
221,065.64	3,072.72	32,980.23	6,573.38	44,834.16	211,262.23	11,135.06
1,192.14	271.04	....	.31	852.31	1,050.00	9.26
575,866.94	21,770.05	91,993.83	34,057.99	142,893.97	596,655.07	38,622.65
....	....	....	639.21	....	....	....
575,866.94	21,770.05	91,993.83	34,697.20	142,893.97	596,655.07	38,622.65
....	8,230.52	5,046.21	....	....	....	2,472.02
1,128.12	26.56	1,500.00	50.73	88.27	14,671.13	204.74
7,446.50	....	....	....	504.43	....	....
1,119.11	....	195.00	350.00	33.00	5,635.01	38.26
9,693.73	8,257.08	6,741.21	400.73	625.70	20,306.14	2,715.02
221,065.64	3,072.72	32,980.23	6,573.38	44,834.16	211,262.23	11,135.06
191,698.20	2,290.00	23,472.01	10,723.09	31,950.96	85,324.69	6,116.99
1,597.59	....	....	....	....	10,300.00	....
414,361.43	5,362.72	56,452.24	17,296.47	76,785.12	306,886.92	17,252.05
111,944.99	4,072.98	25,912.39	17,000.00	35,900.00	141,000.00	13,527.98
....	....	....	....	....	....	....
39,866.79	4,077.27	2,887.99	....	29,583.15	128,462.01	5,127.60
151,811.78	8,150.25	28,800.38	17,000.00	65,483.15	269,462.01	18,655.58
575,866.94	21,770.05	91,993.83	34,697.20	142,893.97	596,655.07	38,622.65
2.7	44.2	11.4	1.5	0.6	5.3	9.9

STATEMENT

Balance Sheets of Electrical Departments of

GEORGIAN BAY SYSTEM—Continued

Municipality	Penetanguishene	Port Elgin	Port McNicoll	Port Perry	Priceville
Population	4,177	1,415	964	1,175	P.V.
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	2,288.05	111.25	369.08	....	68.00
Substation equipment	7,161.13	....	....	2,564.65	....
Distribution system—overhead	52,487.29	27,318.72	9,785.91	19,922.33	5,476.21
Distribution system—underground	....	....	....	....	....
Line transformers	22,011.84	6,761.17	1,500.23	5,291.65	929.92
Meters	16,043.98	8,006.56	3,065.60	4,875.19	562.08
Street light equipment, regular	3,942.13	2,270.59	652.98	1,816.38	256.88
Street light equipment, ornamental	....	....	....	....	....
Miscellaneous construction expense	2,034.34	888.65	691.29	265.91	833.90
Steam or hydraulic plant	....	....	....	....	....
Old plant	....	4,213.00	....	....	....
Total plant	105,968.76	49,569.94	16,065.09	34,736.11	8,126.99
Bank and cash balance	2,250.39	1,458.82	521.33	28.27	1,092.67
Securities and investments	1,718.96	10,000.00	500.00	7,000.00	....
Accounts receivable	1,584.95	291.24	128.65	55.86	105.12
Inventories	107.11	....	....	....	....
Sinking fund on local debentures	....	....	....	....	....
Equity in H-E.P.C. systems	64,110.98	11,109.74	6,404.87	17,606.55	972.44
Other assets	....	....	....	....	1.84
Total assets	175,741.15	72,429.74	23,619.94	59,426.79	10,299.06
Deficit	....	....	....	....	864.04
Total	175,741.15	72,429.74	23,619.94	59,426.79	11,163.10
LIABILITIES					
Debenture balance	799.21	23,954.48	....	7,119.02	....
Accounts payable	193.95	3,377.22	....	7.75	....
Bank overdraft	....	....	....	....	....
Other liabilities	681.75	33.10	118.40	660.00	....
Total liabilities	1,674.91	27,364.80	118.40	7,786.77	....
RESERVES					
For equity in H-E.P.C. systems	64,110.98	11,109.74	6,404.87	17,606.55	972.44
For depreciation	47,273.13	8,737.29	5,170.89	11,893.08	3,190.66
Other reserves	1,014.34	....	....	....	....
Total reserves	112,398.45	19,847.03	11,575.76	29,499.63	4,163.10
SURPLUS					
Debentures paid	36,183.74	18,045.52	7,300.00	12,762.64	7,000.00
Local sinking fund	....	....	....	....	....
Operating surplus	25,484.05	7,172.39	4,625.78	9,377.75	....
Total surplus	61,667.79	25,217.91	11,925.78	22,140.39	7,000.00
Total liabilities, reserves and surplus	175,741.15	72,429.74	23,619.94	59,426.79	11,163.10
Percentage of net debt to total assets	1.5	44.6	0.7	18.6	0.0

"A"—Continued

Hydro Municipalities as at December 31, 1941

Ripley 420	Rosseau 305	Shelburne 1,053	Southampton 1,467	Stayner 1,106	Sunderland P.V.	Tara 510
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
....	....	800.00	25.00	....	....	....
....	....	566.60	....	200.00	....	....
10,188.27	7,832.94	15,466.14	27,785.64	16,804.99	4,284.74	11,383.81
....	....	....	....	....	....	....
3,888.79	2,314.23	7,771.43	10,100.01	6,966.61	1,772.83	3,208.91
2,202.26	1,327.86	6,831.44	10,087.10	7,097.13	2,316.96	2,043.54
844.33	623.60	1,104.49	2,558.48	1,095.02	670.57	2,721.65
....	....	....	....	....	....	....
1,196.42	1,210.44	2,220.70	975.13	374.08	164.62	1,425.42
....	....	....	....	....	....	....
....	....	739.50	2,477.00	....	2,030.00	....
18,320.07	13,309.07	35,500.30	54,008.36	32,537.83	11,239.72	20,783.33
3,000.00	26.65	1,443.92	612.46	553.34	821.30	2,843.97
....	1,000.00	7,000.00	1,000.00	3,000.00	1,000.00	3,500.00
76.00	188.72	168.85	295.30	111.04	285.63	77.40
....	....	261.42	....	....	....	....
....	....	....	....	....	....	....
7,832.45	3,417.69	19,415.32	9,637.12	16,774.21	10,414.38	8,579.18
....	....	180.92	....	....	....	....
29,228.52	17,942.13	63,970.73	65,553.24	52,976.42	23,761.03	35,783.88
235.71	1,174.53	....	....	....	....	....
29,464.23	19,116.66	63,970.73	65,553.24	52,976.42	23,761.03	35,783.88
6,383.93	9,502.25	....	11,610.34	....	....	....
220.70	....	238.11	2,424.01	197.44	572.82	447.24
141.25	....	....	....	....	....	....
265.83	265.00	103.45	8.22	265.80	5.00	....
7,011.71	9,767.25	341.56	14,042.57	463.24	577.82	447.24
7,832.45	3,417.69	19,415.32	9,637.12	16,774.21	10,414.38	8,579.18
7,032.06	2,415.23	17,040.37	7,532.10	14,157.04	5,603.50	9,535.28
....	18.74	....	....	50.00	....	....
14,864.51	5,851.66	36,455.69	17,169.22	30,981.25	16,017.88	18,114.46
7,588.01	3,497.75	19,920.00	21,389.59	9,867.59	6,800.00	15,500.00
....	....	7,253.48	12,951.86	11,664.34	365.33	1,722.18
7,588.01	3,497.75	27,173.48	34,341.45	21,531.93	7,165.33	17,222.18
29,464.23	19,116.66	63,970.73	65,553.24	52,976.42	23,761.03	35,783.88
32.8	67.2	0.8	25.1	1.3	4.3	1.6

STATEMENT

Balance Sheets of Electrical Departments of

GEORGIAN BAY SYSTEM—Concluded

Municipality	Teeswater	Thornton	Tottenham	Uxbridge	Victoria Harbour
Population	873	P.V.	532	1,480	1,018
Assets					
Lands and buildings				40.00	
Substation equipment	330.31		358.50	2,657.65	
Distribution system—overhead	17,788.31	6,818.42	9,127.77	15,306.06	10,601.72
Distribution system—underground					
Line transformers	5,695.75	1,764.80	1,697.12	5,135.64	2,333.76
Meters	3,808.82	1,009.17	2,658.64	5,776.61	3,794.41
Street light equipment, regular	1,495.82	433.25	496.86	1,505.99	366.32
Street light equipment, ornamental					
Miscellaneous construction expense	1,833.57	300.35	1,321.42	1,120.61	762.41
Steam or hydraulic plant					
Old plant	4,976.86		286.45		
Total plant	35,929.44	10,325.99	15,946.76	31,542.56	17,858.62
Bank and cash balance		1,235.43	1,036.34	899.80	1,394.70
Securities and investments	3,500.00		250.00	500.00	1,000.00
Accounts receivable	538.28	30.65	128.97	391.93	238.47
Inventories	38.23			26.03	
Sinking fund on local debentures					
Equity in H-E.P.C. systems	12,423.43	3,418.29	10,782.86	18,727.06	6,613.35
Other assets	108.67				
Total assets	52,538.05	15,010.36	28,144.93	52,087.38	27,105.14
Deficit		1,596.14	5,345.54		
Total	52,538.05	16,606.50	33,490.47	52,087.38	27,105.14
Liabilities					
Debenture balance			3,726.83		
Accounts payable	40.57	91.74	1,926.18	100.00	52.39
Bank overdraft	58.93				
Other liabilities	66.00		313.26	337.00	
Total liabilities	165.50	91.74	5,966.27	437.00	52.39
Reserves					
For equity in H-E.P.C. systems	12,423.43	3,418.29	10,782.86	18,727.06	6,613.35
For depreciation	10,268.56	5,596.47	7,480.75	8,641.33	6,803.51
Other reserves			20.32	314.00	
Total reserves	22,691.99	9,014.76	18,283.93	27,682.39	13,416.86
Surplus					
Debentures paid	28,000.00	7,500.00	9,240.27	16,207.59	6,500.00
Local sinking fund					
Operating surplus	1,680.56			7,760.40	7,135.89
Total surplus	29,680.56	7,500.00	9,240.27	23,967.99	13,635.89
Total liabilities, reserves and surplus	52,538.05	16,606.50	33,490.47	52,087.38	27,105.14
Percentage of net debt to total assets	0.4	0.8	34.4	1.3	0.3

"A"—Continued

Hydro Municipalities as at December 31, 1941

Walkerton 2,534	Waubaushene P.V.	Wiarton 1,750	Windermere 158	Wingham 2,114	Woodville 439	GEORGIAN BAY SYSTEM SUMMARY
....	....	200.00	....	21,513.45	....	141,262.39
....	....	333.57	....	4,863.91	....	191,479.91
42,136.46	9,893.07	21,873.58	9,811.50	40,549.75	3,539.72	1,299,068.49
....	....	....	....	....	....	68,379.44
14,956.71	2,641.62	5,876.77	3,492.70	18,616.24	2,150.74	491,466.23
12,724.13	3,087.54	7,155.08	1,187.30	16,324.60	2,203.79	495,652.84
2,626.74	303.35	2,914.96	247.26	11,276.86	521.83	163,967.50
....	....	....	....	....	....	....
2,961.40	312.68	5,867.86	525.65	4,863.71	274.31	97,589.22
....	....	....	....	14,711.99	....	47,993.99
4,897.60	....	2,001.79	....	12,320.02	2,182.50	96,428.98
80,303.04	16,238.26	46,223.61	15,264.41	145,040.53	10,872.89	3,093,288.99
4,767.23	83.83	1,253.03	1,407.42	30.00	.44	79,395.84
3,000.00	....	12,500.00	1,000.00	....	5,000.00	322,969.73
1,376.91	247.31	569.24	117.11	2,808.52	1,195.74	56,114.72
1,306.49	....	....	....	4,909.29	....	34,462.39
....	....	....	....	....	....	....
18,027.62	4,425.18	13,777.77	2,391.04	36,864.07	10,168.16	1,697,365.75
....	....	....	....	251.31	....	21,640.53
108,781.29	20,994.58	74,323.65	20,179.98	189,903.72	27,237.23	5,305,237.95
....	....	....	....	....	....	25,333.19
108,781.29	20,994.58	74,323.65	20,179.98	189,903.72	27,237.23	5,330,571.14
39,035.56	....	24,928.21	7,884.29	22,282.87	741.16	244,286.31
16.76	890.96	2.80	531.50	32.63	770.08	69,798.60
....	....	....	....	3,023.77	....	17,677.50
208.50	....	167.22	....	682.55	2.00	26,010.06
39,260.82	890.96	25,098.23	8,415.79	26,021.82	1,513.24	357,772.47
18,027.62	4,425.18	13,777.77	2,391.04	36,864.07	10,168.16	1,697,365.75
11,825.16	3,212.88	7,350.48	3,224.27	37,608.50	3,139.14	1,150,221.79
75.65	125.00	46.30	....	....	1,000.00	17,246.19
29,928.43	7,763.06	21,174.55	5,615.31	74,472.57	14,307.30	2,864,833.73
23,964.44	3,500.00	12,471.79	3,879.01	73,822.63	4,758.84	1,319,965.29
....	....	....	....	....	....	....
15,627.60	8,840.56	15,579.08	2,269.87	15,586.70	6,657.85	787,999.65
39,592.04	12,340.56	28,050.87	6,148.88	89,409.33	11,416.69	2,107,964.94
108,781.29	20,994.58	74,323.65	20,179.98	189,903.72	27,237.23	5,330,571.14
43.3	5.4	41.5	47.3	17.0	9.0	9.9

STATEMENT

Balance Sheets of Electrical Departments of

EASTERN ONTARIO SYSTEM

Municipality	Alexandria	Apple Hill	Arnprior	Athens	Bath
Population	1,976	P.V.	4,019	626	325
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	202.00	169.06	....	....	....
Substation equipment	....	....	....	....	....
Distribution system—overhead	27,785.73	3,009.09	27,196.07	14,364.26	6,437.62
Distribution system—underground	....	....	....	....	....
Line transformers	9,011.52	1,421.37	10,891.82	2,401.06	1,481.15
Meters	7,820.96	1,234.61	13,912.18	3,338.46	931.22
Street light equipment, regular	2,233.59	421.12	6,115.00	698.90	554.37
Street light equipment, ornamental	....	....	....	....	....
Miscellaneous construction expense	5,755.22	241.73	596.00	1,139.29	727.38
Steam or hydraulic plant	....	....	....	....	....
Old plant	4,466.89	709.55	....	....	....
Total plant	57,275.91	7,206.53	58,711.07	21,941.97	10,131.74
Bank and cash balance	4,506.06	1,234.34	5,070.48	1,441.46	32.89
Securities and investments	15,000.00	1,500.00	10,000.00	4,500.00	....
Accounts receivable	4,842.51	623.36	291.97	465.27	19.87
Inventories	....	....	289.64	....	....
Sinking fund on local debentures	....	....	....	....	....
Equity in H-E.P.C. systems	30,582.24	3,309.57	3,551.63	6,166.08	2,044.09
Other assets	....	....	....	....	....
Total assets	112,206.72	13,873.80	77,914.79	34,514.78	12,228.59
Deficit	....	....	....	....	....
Total	112,206.72	13,873.80	77,914.79	34,514.78	12,228.59
LIABILITIES					
Debenture balance	....	159.88	40,054.05	6,657.61	5,078.85
Accounts payable	0.39	523.10	3,988.22	....	399.92
Bank overdraft	....	....	....	....	....
Other liabilities	676.66	....	1,868.09	....	50.00
Total liabilities	677.05	682.98	45,910.36	6,657.61	5,528.77
RESERVES					
For equity in H-E.P.C. systems	30,582.24	3,309.57	3,551.63	6,166.08	2,044.09
For depreciation	22,498.53	2,881.26	3,344.80	5,801.29	1,996.67
Other reserves	343.96	....	....	206.06	....
Total reserves	53,424.73	6,190.83	6,896.43	12,173.43	4,040.76
SURPLUS					
Debentures paid	48,133.84	5,840.12	15,415.08	7,342.39	2,421.15
Local sinking fund	....	....	....	....	....
Operating surplus	9,971.10	1,159.87	9,692.92	8,341.35	237.91
Total surplus	58,104.94	6,999.99	25,108.00	15,683.74	2,659.06
Total liabilities, reserves and surplus	112,206.72	13,873.80	77,914.79	34,514.78	12,228.59
Percentage of net debt to total assets	0.8	6.5	61.7	23.5	54.3

"A"—Continued

Hydro Municipalities as at December 31, 1941

Belleville 14,876	Bloomfield 636	Bowmanville 3,850	Brighton 1,462	Brockville 9,996	Cardinal 1,602	Carleton Place 4,143
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
41,950.02	...	28,670.08	600.00	45,295.14	...	13,390.32
89,718.13	410.00	894.47	...	39,212.30	...	2,471.63
130,843.83	11,075.50	50,100.59	16,968.83	100,712.08	14,211.70	46,592.65
...	...	...	...	...	...	...
40,259.99	2,251.13	11,153.53	6,620.54	53,604.92	3,834.27	14,084.57
69,598.55	3,180.23	20,338.94	8,172.95	53,267.26	3,783.93	19,649.61
23,735.53	1,040.99	8,172.97	1,305.85	27,292.21	491.85	6,691.85
...	...	...	...	...	...	...
14,612.96	1,403.42	4,862.21	842.00	1,672.00	688.93	5,668.26
...	...	...	...	46,965.86	...	...
...	...	...	...	4,821.76	3,474.80	5,289.19
410,719.01	19,361.27	124,192.79	34,510.17	372,843.53	26,485.48	113,838.08
...	1,737.20	13,970.71	3,618.19	5,505.60	778.09	2,624.61
5,000.00	2,980.00	5,000.00	500.00	103,000.00	3,500.00	28,000.00
27,154.44	60.46	7,930.56	2,986.33	3,388.44	154.14	968.86
12,937.47	...	6,639.50	6,052.80	2,216.75	...	1,762.15
...	...	...	...	...	...	...
168,289.20	6,137.55	58,191.94	11,133.98	170,947.77	5,406.00	78,430.75
...	...	...	8.91	374.80	...	...
624,100.12	30,276.48	215,975.50	58,810.38	658,276.89	36,323.71	225,624.45
...	...	...	...	...	...	...
624,100.12	30,276.48	215,975.50	58,810.38	648,276.89	36,323.71	225,624.45
...	3,244.44	5,000.00	9,927.07	...	7,955.27	18,360.66
...	68.50	340.87	165.79	13,378.81	109.01	1,164.71
937.25	...	...	...	...	...	...
10,741.11	145.00	1,619.76	382.58	232.40	5.00	1,562.40
11,678.36	3,457.94	6,960.63	10,475.44	13,611.21	8,069.28	21,087.77
168,289.20	6,137.55	58,191.94	11,133.98	170,947.77	5,406.00	78,430.75
59,893.73	7,009.47	18,465.36	4,658.02	140,193.74	3,250.78	19,503.05
2,676.18	...	...	359.70	14,641.46	76.36	960.67
230,859.11	13,147.02	76,657.30	16,151.70	325,782.97	8,733.14	98,894.47
176,000.00	7,955.56	66,000.00	15,072.93	226,657.54	7,044.73	47,639.34
...	...	...	...	...	...	...
205,562.65	5,715.96	66,357.57	17,110.31	92,225.17	12,476.56	58,002.87
381,562.65	13,671.52	132,357.57	32,183.24	318,882.71	19,521.29	105,642.21
624,100.12	30,276.48	215,975.50	58,810.38	658,276.89	36,323.71	225,624.45
2.6	14.3	4.4	22.0	2.8	26.1	14.3

STATEMENT

Balance Sheets of Electrical Departments of

EASTERN ONTARIO SYSTEM—Continued

Municipality	Chester-ville	Cobden	Cobourg	Colborne	Deseronto
Population	1,094	643	5,062	960	1,002
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	335.00	....	29,949.68	....	597.41
Substation equipment	....	....	1,668.35	....	161.18
Distribution system—overhead	10,641.61	4,473.08	82,519.44	11,014.54	11,007.51
Distribution system—underground	....	....	....	....	....
Line transformers	4,008.10	1,146.09	26,448.05	1,250.89	1,753.21
Meters	5,134.26	1,128.65	31,521.87	2,977.20	5,076.46
Street light equipment, regular	593.64	444.46	13,977.70	1,479.27	432.60
Street light equipment, ornamental	....	....	....	....	....
Miscellaneous construction expense	848.28	45.86	4,256.01	2,408.00	391.85
Steam or hydraulic plant	....	....	....	....	....
Old plant	....	2,853.85	....	....	....
Total plant	21,560.89	10,091.99	190,341.10	19,129.90	19,420.22
Bank and cash balance	1,650.09	1,360.27	15,322.61	1,285.19	564.39
Securities and investments	9,000.00	3,000.00	5,000.00	4,000.00	....
Accounts receivable	1,679.51	39.99	7,950.79	171.76	1,297.23
Inventories	613.45	....	3,836.57	1,612.22	573.80
Sinking fund on local debentures	....	....	....	....	....
Equity in H-E.P.C. systems	27,197.35	1,215.69	43,666.06	3,823.71	6,924.86
Other assets	1.90	....	149.04	541.09	....
Total assets	61,703.19	15,707.94	266,266.17	30,563.87	28,780.50
Deficit	....	....	....	....	....
Total	61,703.19	15,707.94	266,266.17	30,563.87	28,780.50
LIABILITIES					
Debenture balance	....	4,178.85	68,126.63	8,566.49	....
Accounts payable	17.68	....	7,346.70	586.49	72.10
Bank overdraft	....	....	....	....	....
Other liabilities	46.00	122.50	4,990.80	242.00	321.31
Total liabilities	63.68	4,301.35	80,464.13	9,394.98	393.41
RESERVES					
For equity in H-E.P.C. systems	27,197.35	1,215.69	43,666.06	3,823.71	6,924.86
For depreciation	8,297.07	783.61	30,766.92	2,838.13	4,284.48
Other reserves	....	....	....	....	....
Total reserves	35,494.42	1,999.30	74,432.98	6,661.84	11,209.34
SURPLUS					
Debentures paid	6,500.00	3,624.42	37,866.87	3,628.10	15,000.00
Local sinking fund	....	....	....	....	....
Operating surplus	19,645.09	5,782.87	73,502.19	10,878.95	2,177.75
Total surplus	26,145.09	9,407.29	111,369.06	14,507.05	17,177.75
Total liabilities, reserves and surplus	61,703.19	15,707.94	266,266.17	30,563.87	28,780.50
Percentage of net debt to total assets	0.2	29.6	36.1	35.1	1.8

"A"—Continued

Hydro Municipalities as at December 31, 1941

Finch	Hastings	Havelock	Iroquois	Kemptville	Kingston
396	823	1,103	1,123	1,230	26,741
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
....	....	....	....	3,422.88	229,109.40
....	....	572.90	100.00	....	228,563.24
8,136.43	17,248.78	19,914.33	4,774.56	20,883.21	198,497.36
....	....	....	....	....	195,423.17
2,159.77	3,383.07	2,961.87	3,397.83	6,435.41	83,225.40
1,990.70	3,701.47	5,835.12	4,402.89	7,832.21	131,315.13
504.07	1,283.74	1,883.33	243.00	1,090.07	77,335.70
....	....	....	....	....	....
67.68	701.62	4,531.91	371.84	5,800.71	46,769.08
....	....	....	....	....	....
....	1,733.13	2,420.45	575.00	....	17,665.40
12,858.65	28,051.81	38,119.91	13,865.12	45,464.49	1,207,903.88
374.92	641.99	2,094.33	1,750.72	993.06	985.06
3,500.00	4,500.00	14,000.00	1,000.00	22,000.00	251,175.00
106.62	729.82	118.33	165.19	1,578.97	36,658.33
....	....	....	....	1,011.76	19,120.34
....	....	....	....	....	25,026.33
4,298.06	3,609.94	12,042.21	341.33	20,490.23	61,806.97
....	....	....	....	....	2,485.42
21,138.25	37,533.56	66,374.78	17,122.36	91,538.51	1,605,161.33
....	....	....	....	....	....
21,138.25	37,533.56	66,374.78	17,122.36	91,538.51	1,605,161.33
3,000.98	13,245.61	329.00	....	12,353.44	48,071.00
....	0.65	....	399.92	241.88	324.78
....	....	....	....	....	31,434.21
50.00	252.00	....	107.54	96.00	13,978.88
3,050.98	13,498.26	329.00	507.46	12,691.32	93,808.87
4,298.06	3,609.94	12,042.21	341.33	20,490.23	61,806.97
2,728.63	4,834.94	12,898.93	334.50	14,622.87	302,766.77
10.59	....	....	....	....	175,093.35
7,037.28	8,444.88	24,941.14	675.83	35,113.10	539,667.09
3,999.02	7,754.39	32,571.00	....	12,646.56	263,829.00
....	....	....		....	25,026.33
7,050.97	7,836.03	8,533.64	15,939.07	31,087.53	682,830.04
11,049.99	15,590.42	41,104.64	15,939.07	43,734.09	971,685.37
21,138.25	37,533.56	66,374.78	17,122.36	91,538.51	1,605,161.33
18.1	39.8	0.6	3.0	17.8	6.2

STATEMENT

Balance Sheets of Electrical Departments of

EASTERN ONTARIO SYSTEM—Continued

Municipality	Lakefield	Lanark	Lancaster	Lindsay	Madoc
Population	1,301	686	570	7,241	1,130
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings	3,137.97			10,777.68	100.00
Substation equipment				3,176.56	
Distribution system—overhead	23,372.16	6,941.61	8,777.90	102,516.08	11,836.20
Distribution system—underground					
Line transformers	6,667.86	1,688.69	2,002.25	28,909.55	3,496.56
Meters	7,758.49	2,304.67	1,943.35	34,806.11	5,201.00
Street light equipment, regular	1,896.05	747.54	650.65	10,334.23	1,577.14
Street light equipment, ornamental					
Miscellaneous construction expense	4,122.12	48.60	1,068.55	2,548.63	117.71
Steam or hydraulic plant					
Old plant	3,445.25				
Total plant	50,399.90	11,731.11	14,442.70	193,068.84	22,328.61
Bank and cash balance	1,425.71	2,185.48	716.37	3,104.19	2,848.92
Securities and investments	6,000.00	4,353.33	500.00	55,000.00	6,000.00
Accounts receivable	140.80	1.50	71.90	298.69	88.91
Inventories				332.78	
Sinking fund on local debentures					
Equity in H-E.P.C. systems	12,862.79	6,176.43	6,152.23	92,719.93	7,675.73
Other assets					
Total assets	70,829.20	24,447.85	21,883.20	344,524.43	38,942.17
Deficit					
Total	70,829.20	24,447.85	21,883.20	344,524.43	38,942.17
LIABILITIES					
Debenture balance	17,075.30			60,360.80	
Accounts payable			738.25		51.00
Bank overdraft					
Other liabilities	632.80	90.00	163.36	3,337.11	399.00
Total liabilities	17,708.10	90.00	901.61	63,697.91	450.00
RESERVES					
For equity in H-E.P.C. systems	12,862.79	6,176.43	6,152.23	92,719.93	7,675.73
For depreciation	14,894.27	4,254.55	2,972.03	47,860.90	2,279.47
Other reserves					
Total reserves	27,757.06	10,430.98	9,124.26	140,580.83	9,955.20
SURPLUS					
Debentures paid	16,424.70	7,316.57	9,970.42	69,639.20	14,000.00
Local sinking fund					
Operating surplus	8,939.34	6,610.30	1,886.91	70,606.49	14,536.97
Total surplus	25,364.04	13,926.87	11,857.33	140,245.69	28,536.97
Total liabilities, reserves and surplus	70,829.20	24,447.85	21,883.20	344,524.43	38,942.17
Percentage of net debt to total assets	30.5	0.5	5.7	25.3	1.4

"A"—Continued

Hydro Municipalities as at December 31, 1941

Marmora 1,004	Martin-town P.V.	Maxville 811	Millbrook 749	Morris-burg 1,484	Napanee 3,241	Newcastle 701
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
...	126.15	...	...	5,000.00	9,825.49	107.37
...	...	407.79	...	4,457.21	180.27	...
13,910.83	2,840.45	11,859.30	6,067.86	11,917.41	47,051.60	14,857.30
...	...	...	...	...	...	...
3,808.11	709.39	2,240.79	758.45	5,080.80	11,669.07	4,012.74
4,042.21	1,061.45	2,851.47	1,829.92	7,166.35	18,531.09	3,718.90
1,193.23	354.94	1,950.24	595.65	795.00	4,586.53	876.40
...	...	...	...	...	...	...
2,160.44	690.21	2,462.07	79.92	348.12	3,222.25	641.35
...	...	...	...	...	...	...
573.62	...	...	...	27,733.82	...	...
25,688.44	5,782.59	21,771.66	9,331.80	62,498.71	95,066.30	24,214.06
3,225.43	1,025.58	1,712.87	3,086.84	1,119.95	...	...
1,000.00	2,000.00	3,500.00	...	6,000.00	7,000.00	...
109.26	89.46	275.00	52.10	89.42	4,869.13	287.94
157.00	...	...	...	...	7,797.31	...
...	...	...	...	...	...	...
5,530.56	2,083.98	9,571.65	453.70	1,122.75	40,894.07	1,487.46
...	...	...	...	853.18	20.06	...
35,710.69	10,981.61	36,831.18	12,924.44	71,684.01	155,646.87	25,989.46
...	...	...	...	...	...	...
35,710.69	10,981.61	36,831.18	12,924.44	71,684.01	155,646.87	25,989.46
...	...	...	7,177.65	21,525.92	...	...
...	15.06	...	1.66	355.41	...	5.02
...	...	...	...	...	2,557.83	303.18
220.00	5.00	120.00	190.82	853.18	921.95	...
220.00	20.06	120.00	7,370.13	22,734.51	3,479.78	308.20
5,530.56	2,083.98	9,571.65	453.70	1,122.75	40,894.07	1,487.46
5,304.33	2,368.38	7,293.41	555.67	2,159.24	13,143.36	10,065.72
...	81.02	370.26	...	31,296.54	...	...
10,834.89	4,533.38	17,235.32	1,009.37	34,578.53	54,037.43	11,553.18
17,666.11	6,000.00	16,000.00	1,822.35	13,047.36	70,000.00	14,000.00
...	...	...	...	...	...	...
6,989.69	428.17	3,475.86	2,722.59	1,323.61	28,129.66	128.08
24,655.80	6,428.17	19,475.86	4,544.94	14,370.97	98,129.66	14,128.08
35,710.69	10,981.61	36,831.18	12,924.44	71,684.01	155,646.87	25,989.46
0.7	0.2	0.4	59.0	32.2	3.0	1.2

STATEMENT

Balance Sheets of Electrical Departments of

EASTERN ONTARIO SYSTEM—Continued

Municipality	Norwood	Omemee	Orono	Oshawa
Population	710	630	P.V.	25,035
ASSETS	$ c.	$ c.	$ c.	$ c.
Lands and buildings	...	...	...	62,098.55
Substation equipment	457.53	360.32	...	1,565.29
Distribution system—overhead	23,512.31	13,602.53	5,152.00	259,776.31
Distribution system—underground	...	...	...	...
Line transformers	4,035.13	4,419.01	1,026.77	74,724.12
Meters	5,403.33	3,700.53	1,779.46	126,392.69
Street light equipment, regular	1,886.92	805.48	529.46	17,857.71
Street light equipment, ornamental	...	...	...	...
Miscellaneous construction expense	3,842.04	1,702.42	295.97	70,218.38
Steam or hydraulic plant	...	...	...	...
Old plant	2,447.51	...	...	6,431.65
Total plant	41,584.77	24,590.29	8,783.66	619,064.70
Bank and cash balance	2,124.75	520.98	4,040.38	400.00
Securities and investments	14,000.00	6,000.00	...	...
Accounts receivable	952.31	127.95	34.96	68,420.96
Inventories	...	...	...	20,035.81
Sinking fund on local debentures	...	...	...	...
Equity in H-E.P.C. systems	5,913.85	379.83	521.11	515,383.90
Other assets	404.78	...	...	53.09
Total assets	64,980.46	31,619.05	13,380.11	1,223,358.46
Deficit	...	...	...	...
Total	64,980.46	31,619.05	13,380.11	1,223,358.46
LIABILITIES				
Debenture balance	16,994.82	...	6,529.22	90,000.00
Accounts payable	...	...	144.20	77,902.69
Bank overdraft	...	...	...	15,838.37
Other liabilities	404.78	236.80	...	27,553.12
Total liabilities	17,399.60	236.80	6,673.42	211,294.18
RESERVES				
For equity in H-E.P.C. systems	5,913.85	379.83	521.11	515,383.90
For depreciation	15,914.54	11,173.07	378.40	98,814.36
Other reserves	...	...	775.38	4,669.00
Total reserves	21,828.39	11,552.90	1,674.89	618,867.26
SURPLUS				
Debentures paid	20,105.18	12,000.00	1,470.78	220,000.00
Local sinking fund	...	...	...	...
Operating surplus	5,647.29	7,829.35	3,561.02	173,197.02
Total surplus	25,752.47	19,829.35	5,031.80	393,197.02
Total liabilities, reserves and surplus	64,980.46	31,619.05	13,380.11	1,223,358.46
Percentage of net debt to total assets	29.5	0.7	51.9	29.8

"A"—Continued

Hydro Municipalities as at December 31, 1941

Ottawa 150,277	Perth 4,197	Peterborough 24,400	Picton 3,400	Port Hope 4,997	Prescott 2,930	Richmond 428
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
487,414.25	5,109.34	78,638.66	10,896.49	11,691.21	2,761.54	....
857,906.74	6,961.44	124,548.59	2,004.66	3,100.00	....	....
886,584.45	49,092.18	313,730.07	41,767.47	56,234.00	42,362.29	6,820.25
297,255.92	....	....	....	....	....	....
399,658.86	26,012.92	130,886.48	13,890.62	19,420.03	17,255.33	1,279.53
309,872.49	23,769.79	117,368.14	19,444.17	26,835.18	20,650.73	1,435.68
124,662.85	4,734.53	60,043.68	10,521.97	3,608.73	2,302.03	194.48
....	....	....	....	....	....	....
39,832.85	4,780.27	91,671.91	4,124.60	5,523.37	2,200.29	618.64
....	....	....	....	....	....	....
....	23,361.94	29,771.74	....	....	....	....
3,403,188.41	143,822.41	946,659.27	102,649.98	126,412.52	87,532.21	10,348.58
267,934.87	12,640.49	150.00	1,519.13	691.07	581.62	1,128.74
390,000.00	69,145.75	....	16,000.00	12,000.00	3,000.00	....
100,502.00	4,037.37	89,883.01	1,308.17	275.42	5,378.38	94.44
49,778.44	10,686.90	26,163.61	6,447.77	2,564.42	....	....
443,097.49	....	402,424.93	....	....	....	....
179,022.17	68,884.70	302,639.20	52,235.23	55,152.39	48,260.84	2,847.30
....	1.32	....	3,755.83	....	....	....
4,833,523.38	309,218.94	1,767,920.02	183,916.11	197,095.82	144,753.05	14,419.06
....	....	....	....	....	....	....
4,833,523.38	309,218.94	1,767,920.02	183,916.11	197,095.82	144,753.05	14,419.06
425,906.82	36,441.76	527,920.00	....	....	....	3.163.72
62,836.53	7.00	29,657.84	22.94	2,553.48	3,638.59	....
....	....	28,744.19	....	....	....	....
....	2,785.73	200.00	3,755.83	5,618.41	375.53	149.00
488.743.35	39,234.49	586,522.03	3,778.77	8,171.89	4,014.12	3,312.72
179,022.17	68,884.70	302,639.20	52,235.23	55,152.39	48,260.84	2,847.30
1,499,904.86	64,158.61	161,697.96	19,347.91	22,594.39	50,682.77	2,440.59
367,538.91	809.52	1,408.13	968.91	....	....	52.84
2,046,465.94	133,852.83	465,745.29	72,552.05	77,746.78	98,943.61	5,340.73
554,093.18	71,958.24	50,000.00	5,730.32	79,000.00	12,170.99	3,336.28
443,097.49	....	402,424.93	....	....	....	....
1,301,123.42	64,173.38	263,227.77	101,854.97	32,177.15	29,624.33	2,429.33
2,298,314.09	136,131.62	715,652.70	107,585.29	111,177.15	41,795.32	5,765.61
4,833,523.38	309,218.94	1,767,920.02	183,916.11	197,095.82	144,753.05	14,419.06
1.1	16.3	17.3	2.9	0.5	4.2	28.6

STATEMENT

Balance Sheets of Electrical Departments of

EASTERN ONTARIO SYSTEM—Concluded

Municipality	Russell	Smiths Falls	Stirling	Trenton	Tweed
Population	P.V.	7,741	947	7,636	1,181
ASSETS	$ c.	$ c.	$ c.	$ c.	$ c.
Lands and buildings		20,430.85	8,522.88	5,139.41	
Substation equipment		4,765.59	7,949.55	29,317.62	
Distribution system—overhead	8,215.46	92,929.32	7,053.76	114,649.60	15,150.80
Distribution system—underground					
Line transformers	1,495.50	38,510.90	4,854.60	26,768.58	4,131.37
Meters	1,854.97	37,704.11	5,327.42	35,709.05	5,779.14
Street light equipment, regular	589.70	9,539.26	3,203.33	15,956.24	2,220.11
Street light equipment, ornamental					
Miscellaneous construction expense	1,262.77	7,971.29	613.77	7,442.49	
Steam or hydraulic plant					
Old plant					
Total plant	13,418.40	211,851.32	37,525.31	234,982.99	27,281.42
Bank and cash balance	826.75	3,146.58	8,903.36	17,435.93	1,764.85
Securities and investments	5,000.00	73,480.00	3,443.27	10,000.00	4,000.00
Accounts receivable	771.46	923.92	895.67	1,110.15	530.59
Inventories		45.00	743.99	7,080.24	390.80
Sinking fund on local debentures					
Equity in H-E.P.C. systems	5,562.47	100,208.98	8,586.69	75,059.39	9,344.67
Other assets					
Total assets	25,579.08	389,655.80	60,098.29	345,668.70	43,312.33
Deficit					
Total	25,579.08	389,655.80	60,098.29	345,668.70	43,312.33
LIABILITIES					
Debenture balance	2,933.09	1,023.19		25,219.33	5,236.29
Accounts payable	73.94	392.13		398.93	106.07
Bank overdraft					
Other liabilities	10.00	452.98	370.13	5,879.06	285.19
Total liabilities	3,017.03	1,868.30	370.13	31,497.32	5,627.55
RESERVES					
For equity in H-E.P.C. systems	5,562.47	100,208.98	8,586.69	75,059.39	9,344.67
For depreciation	3,619.34	102,868.19	7,214.40	42,957.24	3,697.79
Other reserves		592.40			448.20
Total reserves	9,181.81	203,669.57	15,801.09	118,016.63	13,490.66
SURPLUS					
Debentures paid	7,066.91	132,714.14	10,000.00	139,780.67	13,763.71
Local sinking fund					
Operating surplus	6,313.33	51,403.79	33,927.07	56,374.08	10,430.41
Total surplus	13,380.24	184,117.93	43,927.07	196,154.75	24,194.12
Total liabilities, reserves and surplus	25,579.08	389,655.80	60,098.29	345,668.70	43,312.33
Percentage of net debt to total assets	15.1	0.6	0.7	11.6	16.6

"A"—Continued

Hydro Municipalities as at December 31, 1941

Warkworth P.V.	Wellington 948	Westport 725	Whitby 4,236	Williamsburgh P.V.	Winchester 1,017	EASTERN ONTARIO SYSTEM SUMMARY
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
....	200.00	....	6,619.20	....	299.85	1,122,587.88
....	499.80	....	34,288.16	....	....	1,445,719.32
5,697.62	15,223.75	7,349.21	61,508.17	3,431.14	10,421.63	3,140,621.82
....	....	....	....	....	....	492,679.09
850.80	4,235.20	1,015.48	15,430.96	1,978.92	4,392.15	1,160,503.08
2,116.05	6,003.54	1,794.62	20,481.25	2,391.10	5,804.50	1,278,977.81
338.08	1,349.61	706.11	12,478.33	174.61	719.87	478,002.50
....	....	....	....	....	....	....
609.19	897.68	1,409.72	9,435.02	141.58	348.97	376,855.43
....	....	....	....	....	....	46,965.86
3,618.02	2,477.92	1,713.00	1,340.13	....	1,100.00	148,024.62
13,229.76	30,887.50	13,988.14	161,581.22	8,117.35	23,086.97	9,690,937.41
790.06	702.78	173.98	....	831.45	2,784.15	417,085.52
2,500.00	7,500.00	5,000.00	7,000.00	21,000.00	9,000.00	1,245,577.35
81.47	207.69	0.02	4,497.49	347.80	86.20	386,224.29
....	....	....	369.02	....	....	189,309.54
....	....	....	....	....	....	870,548.75
3,834.87	9,911.28	4,664.16	49,909.82	6,259.54	19,597.35	2,440,518.23
....	....	....	35.47	....	....	8,684.89
20,436.16	49,209.25	23,826.30	223,393.02	36,556.14	54,554.67	15,248,885.98
....	....	....	....	....	....	....
20,436.16	49,209.25	23,826.30	223,393.02	36,556.14	54,554.67	15,248,885.98
7,074.51	4,199.79	8,726.32	14,862.80	....	2,067.97	1,538,749.13
14.65	....	....	360.75	8.27	781.80	209,195.73
....	....	....	16.75	....	....	79,831.78
14.00	50.25	180.00	1,655.08	399.16	10.00	94,808.30
7,103.16	4,250.04	8,906.32	16,895.38	407.43	2,859.77	1,922,584.94
3,834.87	9,911.28	4,664.16	49,909.82	6,259.54	19,597.35	2,440,518.23
3,063.52	11,541.77	2,113.46	....	3,799.72	10,740.44	2,926,528.21
....	....	....	30,533.16	358.04	....	634,270.64
6,898.39	21,453.05	6,777.62	80,442.98	10,417.30	30,337.79	6,001,317.08
3,925.49	12,800.21	6,273.68	61,749.70	2,750.00	8,582.03	2,698,100.26
....	....	....	....	....	....	870,548.75
2,509.12	10,705.95	1,868.68	64,304.96	22,981.41	12,775.08	3,756,334.95
6,434.61	23,506.16	8,142.36	126,054.66	25,731.41	21,357.11	7,324,983.96
20,436.16	49,209.25	23,826.30	223,393.02	36,556.14	54,554.67	15,248,885.98
42.8	10.8	46.5	9.7	1.3	8.2	8.8

STATEMENT

Balance Sheets of Electrical Departments of

THUNDER BAY SYSTEM

Municipality Population	Fort William 24,843	Nipigon Twp.	Port Arthur 23,790	THUNDER BAY SYSTEM SUMMARY
ASSETS	$ c.	$ c.	$ c.	$ c.
Lands and buildings	86,326.42	215.03	466,814.46	553,355.91
Substation equipment	146,638.63	....	310,294.87	456,933.50
Distribution system—overhead	218,317.45	18,492.42	507,290.89	744,100.76
Distribution system—underground	....	....	....	....
Line transformers	95,459.08	4,337.11	105,517.94	205,314.13
Meters	91,940.56	4,139.95	114,141.22	210,221.73
Street light equipment, regular	46,292.65	2,436.86	82,451.67	131,181.18
Street light equipment, ornamental	....	....	....	....
Miscellaneous construction expense	21,039.06	219.60	37,609.40	58,868.06
Steam or hydraulic plant	....	....	325,003.44	325,003.44
Old plant	293,762.46	....	....	293,762.46
Total plant	999,776.31	29,840.97	1,949,123.89	2,978,741.17
Bank and cash balance	....	2,066.72	20,818.37	22,885.09
Securities and investments	62,500.00	....	576,670.70	639,170.70
Accounts receivable	27,108.61	174.43	90,807.46	118,090.50
Inventories	18,805.82	....	27,969.93	46,775.75
Sinking fund on local debentures	95,574.54	....	12,277.24	107,851.78
Equity in H-E.P.C. systems	630,460.69	5,255.82	2,074,621.13	2,710,337.64
Other assets	921.21	....	....	921.21
Total assets	1,835,147.18	37,337.94	4,752,288.72	6,624,773.84
Deficit	....	....	....	....
Total	1,835,147.18	37,337.94	4,752,288.72	6,624,773.84
LIABILITIES				
Debenture balance	250,000.00	2,330.44	13,000.00	265,330.44
Accounts payable	38,823.91	762.43	170,095.94	209,682.28
Bank overdraft	25,137.36	....	....	25,137.36
Other liabilities	27,986.20	....	....	27,986.20
Total liabilities	341,947.47	3,092.87	183,095.94	528,136.28
RESERVES				
For equity in H-E.P.C. systems	630,460.69	5,255.82	2,074,621.13	2,710,337.64
For depreciation	162,989.87	3,795.98	610,721.01	777,506.86
Other reserves	23,059.15	....	96,795.64	119,854.79
Total reserves	816,509.71	9,051.80	2,782,137.78	3,607,699.29
SURPLUS				
Debentures paid	417,650.00	7,669.56	629,100.00	1,054,419.56
Local sinking fund	95,574.54	....	12,277.24	107,851.78
Operating surplus	163,465.46	17,523.71	1,145,677.76	1,326,666.93
Total surplus	676,690.00	25,193.27	1,787,055.00	2,488,938.27
Total liabilities, reserves and surplus	1,835,147.18	37,337.94	4,752,288.72	6,624,773.84
Percentage of net debt to total assets	22.2	9.6	6.4	11.0

"A"—Concluded

Hydro Municipalities as at December 31, 1941

NORTHERN ONTARIO DISTRICTS

Capreol 1,660	North Bay 16,013	Sioux Lookout 1,967	Sudbury 31,875	NORTHERN ONTARIO DISTRICTS SUMMARY	ALL SYSTEMS GRAND SUMMARY
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
450.00	59,225.77	....	73,127.45	132,803.22	11,488,173.96
9,730.32	71,129.08	....	117,081.45	197,940.83	24,896,262.26
13,603.79	145,105.15	9,247.18	366,737.64	534,693.76	25,228,363.52
....	....	....	....	....	6,391,399.25
5,179.17	39,497.81	3,553.01	101,822.34	150,052.33	11,817,440.89
5,233.61	80,033.14	5,872.78	128,713.16	219,852.69	10,644,655.81
1,126.26	28,161.23	1,698.95	109,908.22	140,894.66	2,940,055.38
....	....	....	....	....	1,540,369.82
779.28	16,838.22	962.50	15,768.47	34,348.47	4,366,893.41
....	....	....	....	....	445,118.58
....	....	....	....	....	1,329,860.41
36,102.43	439,990.38	21,334.42	913,158.73	1,410,585.96	101,088,593.29
1,593.25	26,701.21	682.67	22,548.76	51,525.89	2,991,173.27
2,000.00	38,500.00	....	123,500.00	164,000.00	8,368,139.57
600.42	12,465.16	318.37	21,426.64	34,810.59	4,116,252.29
....	9,646.63	....	22,618.11	32,264.74	1,984,025.53
....	....	....	....	....	5,530,647.79
....	....	....	....	....	52,458,225.18
....	222.28	....	....	222.28	226,034.26
40,296.10	527,525.66	22,335.46	1,103,252.24	1,693,409.46	176,763,091.18
....	....	....	....	....	26,461.78
40,296.10	527,525.66	22,335.46	1,103,252.24	1,693,409.46	176,789,552.96
....	231,500.00	....	108,583.48	340,083.48	17,805,415.36
75.96	6,316.23	176.38	28,861.27	35,429.84	3,088,145.27
....	....	....	....	....	302,744.63
385.00	25,874.73	2,389.66	35,788.58	64,437.97	2,987,132.70
460.96	263,690.96	2,566.04	173,233.33	439,951.29	24,183,437.96
....	....	....	....	....	52,458,225.18
4,871.00	198,057.85	904.90	77,148.68	280,982.43	27,795,985.72
133.88	1,782.97	100.00	65,777.48	67,794.33	3,592,384.90
5,004.88	199,840.82	1,004.90	142,926.16	348,776.76	83,846,595.80
19,000.00	8,500.00	....	358,755.05	386,255.05	39,943,340.75
....	....	....	....	....	5,530,647.79
15,830.26	55,493.88	18,764.52	428,337.70	518,426.36	23,285,530.66
34,830.26	63,993.88	18,764.52	787,092.75	904,681.41	68,759,519.20
40,296.10	527,525.66	22,335.46	1,103,252.24	1,693,409.46	176,789,552.96
1.1	50.0	11.5	15.7	26.0	14.6

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA SYSTEM

Municipality	Acton	Agincourt	Ailsa Craig	Alvinston	Amherst-burg
Population	1,903	P.V.	487	649	2,704
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	12,429.84	5,473.22	2,653.63	4,112.67	22,677.54
Commercial light service	5,488.67	1,328.71	1,305.34	2,009.70	8,800.82
Commercial power service	27,648.09	984.36	1,101.11	198.06	6,077.62
Municipal power	684.55			320.88	
Street lighting	2,024.31	756.00	696.00	1,580.00	2,315.88
Merchandise					93.04
Miscellaneous	397.57	306.93	299.61	183.54	216.91
Total earnings	48,673.03	8,849.22	6,055.69	8,404.85	40,181.81
EXPENSES					
Power purchased	39,714.73	6,236.84	5,066.62	5,096.18	28,000.95
Substation operation					
Substation maintenance					
Distribution system, operation and maintenance	3,021.53	65.26	65.79	98.54	837.93
Line transformer maintenance	100.27	41.19			
Meter maintenance	523.57	104.96	46.39	131.74	213.68
Consumers' premises expenses	456.32	258.20			1,768.82
Street lighting, operation and maintenance	298.01	73.89	36.30	62.55	399.59
Promotion of business					317.50
Billing and collecting	786.88	427.82	312.00	459.27	1,048.10
General office, salaries and expenses	481.15	133.66	77.37	190.08	789.51
Undistributed expenses	108.87		19.72	33.28	110.33
Truck operation and maintenance	84.81				173.43
Interest				93.86	723.04
Sinking fund and principal payments on debentures					2,002.71
Depreciation	1,654.00	475.00	536.00	815.00	2,677.00
Other reserves					
Total operating costs and fixed charges	47,230.14	7,816.82	6,160.19	6,980.50	39,062.59
Net surplus	1,442.89	1,032.40		1,424.35	1,119.22
Net loss			104.50		
NUMBER OF CONSUMERS					
Domestic service	535	161	152	190	689
Commercial light service	92	26	35	52	130
Power service	17	3	4	2	15
Total	644	190	191	244	834

"B"

Hydro Municipalities for Year Ended December 31, 1941

Ancaster Twp.	Arkona	Aylmer	Ayr	Baden	Beachville	Beamsville
	403	1,985	748	P.V.	P.V.	1,227
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
12,234.70	3,155.99	11,933.23	5,826.94	3,714.56	3,716.10	10,790.74
3,239.94	1,747.05	10,483.80	1,960.71	2,117.30	664.19	5,363.26
883.05	138.97	5,677.70	696.49	6,409.83	15,045.62	2,000.07
307.87	....	....	....	....	....	....
1,085.05	1,072.00	2,788.00	1,192.00	738.00	517.00	2,083.77
....	....	957.04	45.00	61.23	222.79	230.72
17,750.61	6,114.01	31,839.77	9,721.14	13,040.92	20,165.70	20,468.56
9,106.43	3,312.99	20,780.22	6,910.72	9,432.34	17,027.10	9,708.11
....	....	....	....	....	....	....
....	....	....	....	....	....	....
1,640.92	201.44	1,039.77	560.21	194.66	496.33	321.20
100.55	....	122.05	....	....	16.91	16.86
480.98	15.45	336.55	....	69.15	80.28	14.81
296.09	....	199.22	166.47	293.91	....	414.61
347.85	54.09	423.24	78.95	69.79	61.07	153.00
....	....	199.49	....	....	....	....
1,122.98	217.45	829.88	455.80	286.93	373.25	742.19
671.28	94.15	1,099.31	84.94	178.36	138.13	679.16
41.89	....	188.79	9.25	5.75	....	5.59
....	....	272.79	....	....	....	....
507.60	271.43	552.42	198.82	15.49	28.23	834.59
731.03	864.35	1,058.85	516.59	309.77	329.56	1,416.56
1,214.00	436.00	2,065.00	765.00	557.00	825.00	1,414.00
....	....	....	....	....	....	....
16,261.60	5,467.35	29,167.58	9,746.75	11,413.15	19,375.86	15,720.68
1,489.01	646.66	2,672.19	....	1,627.77	789.84	4,747.88
....	....	....	25.61	....	....	....
358	111	723	237	156	186	377
42	35	157	43	34	22	73
6	1	13	5	3	4	4
406	147	893	285	193	212	454

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA SYSTEM—Continued

Municipality	Belle River	Blenheim	Blyth	Bolton	Bothwell
Population	836	1,873	662	629	683
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	4,780.77	9,473.95	3,809.78	4,402.20	2,839.61
Commercial light service	2,767.08	8,970.80	2,233.23	1,952.53	1,982.76
Commercial power service	98.36	3,578.61	693.91	2,353.72	810.29
Municipal power	1,541.71	1,670.05		126.35	141.52
Street lighting	1,034.00	2,627.00	1,580.00	1,070.52	1,225.02
Merchandise		2.32			12.68
Miscellaneous	84.97	710.00	104.80	267.50	479.89
Total earnings	10,306.89	27,032.73	8,421.72	10,172.82	7,491.77
EXPENSES					
Power purchased	5,653.32	16,480.85	5,036.24	6,444.05	4,876.71
Substation operation					
Substation maintenance					
Distribution system, operation and maintenance	657.80	641.52	474.75	612.12	178.51
Line transformer maintenance	61.39	100.32			
Meter maintenance	253.33	727.15	195.75	68.36	55.46
Consumers' premises expenses	24.00	305.87	4.30	538.33	
Street lighting, operation and maintenance	188.38	556.02	124.91	86.46	189.38
Promotion of business		17.40			
Billing and collecting	568.56	1,420.60	286.50		165.28
General office, salaries and expenses	92.21	1,370.19	134.90	599.65	124.02
Undistributed expenses	18.08	241.46	37.81		6.85
Truck operation and maintenance					
Interest		448.76	66.87	111.83	76.65
Sinking fund and principal payments on debentures		760.02	1,215.86	508.51	271.44
Depreciation	984.00	2,225.00	594.00	716.00	645.00
Other reserves					
Total operating costs and fixed charges	8,501.07	25,295.16	8,171.89	9,685.31	6,589.30
Net surplus	1,805.82	1,737.57	249.83	487.51	902.47
Net loss					
NUMBER OF CONSUMERS					
Dommestic service	264	557	183	185	186
Commercial light service	45	139	49	41	55
Power service	2	14	4	10	7
Total	311	710	236	236	248

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1941

Brampton 5,702	Brantford 30,947	Brantford Twp.	Bridgeport P.V.	Brigden P.V.	Brussels 784	Burford P.V.
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
43,373.21	177,747.10	25,668.83	5,085.45	2,333.44	4,705.72	4,919.93
20,406.45	82,418.20	4,119.66	1,064.32	2,063.00	3,028.94	1,615.50
20,984.57	253,781.53	6,365.57	175.76	596.59	914.07	1,015.54
3,125.47	7,629.40	......	......	......	......	......
6,623.18	33,729.56	3,996.25	876.00	841.99	1,296.00	670.08
......	......	......	......	......	......	......
111.84	6,768.01	479.67	......	78.85	319.26	285.01
94,624.72	562,073.80	40,629.98	7,201.53	5,913.87	10,263.99	8,506.06
72,911.09	425,721.83	26,837.64	3,564.09	3,762.61	5,537.32	5,633.25
......	7,210.07	......	......	......	......	......
153.48	1,544.86	......	......	......	......	......
1,619.26	7,987.93	2,017.66	132.38	292.48	373.96	208.25
83.53	1,269.85	169.16	......	......	......	70.10
581.11	5,579.41	281.59	43.80	142.89	163.04	41.53
2,119.04	17,080.05	68.34	60.64	......	......	96.04
1,090.92	4,558.87	726.67	187.62	126.66	157.76	90.70
......	25.00	......	......	......	......	......
1,793.52	9,560.87	2,233.44	398.27	338.96	......	538.15
1,724.23	10,679.42	1,278.39	22.82	136.67	676.28	134.78
136.74	4,087.35	10.32	5.00	24.88	9.47	5.63
323.93	2,025.49	......	......	......	......	......
96.67	2,595.00	9.80	290.81	......	260.75	......
......	15,750.00	......	855.40	......	1,496.53	......
6,044.00	37,663.00	3,364.00	616.00	528.00	807.00	633.00
......	......	......	......	......	......	......
88,677.52	553,339.00	36,997.01	6,176.83	5,353.15	9,482.11	7,451.43
5,947.20	8,734.80	3,632.97	1,024.70	560.72	781.88	1,054.63
......	......	......	......	......	......	......
1,563	8,054	1,138	186	121	247	206
259	1,227	46	21	39	70	40
53	200	7	2	4	4	2
1,875	9,481	1,191	209	164	321	248

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA SYSTEM—Continued

Municipality	Burgessville	Caledonia	Campbellville	Cayuga	Chatham
Population	P.V.	1,425	P.V.	700	17,148
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	1,716.80	7,050.93	1,536.04	3,953.31	98,205.69
Commercial light service	786.67	5,586.15	848.91	3,944.97	100,022.01
Commercial power service	210.47	1,888.27	....	766.97	90,444.83
Municipal power	....	....	....	....	7,027.87
Street lighting	312.00	1,944.96	400.00	1,491.99	19,888.51
Merchandise	....	....	....	....	3,371.44
Miscellaneous	33.00	268.70	87.97	60.56	1,174.48
Total earnings	3,058.94	16,739.01	2,872.92	10,217.80	320,134.83
EXPENSES					
Power purchased	1,744.70	10,544.91	1,715.11	4,999.22	170,886.62
Substation operation	....	....	....	....	6,643.10
Substation maintenance	....	....	....	....	4,694.52
Distribution system, operation and maintenance	136.96	1,458.42	33.88	330.88	9,239.79
Line transformer maintenance	....	129.92	....	4.00	1,681.05
Meter maintenance	75.72	549.88	....	189.70	7,308.55
Consumers' premises expenses	19.63	129.41	....	....	6,363.57
Street lighting, operation and maintenance	56.69	423.00	32.17	191.26	5,853.58
Promotion of business	....	192.05	....	7.96	7,392.80
Billing and collecting	....	910.46	....	555.77	8,078.41
General office, salaries and expenses	158.59	1,011.50	125.19	438.36	15,012.39
Undistributed expenses	0.77	130.71	....	72.68	7,834.91
Truck operation and maintenance	....	314.87	....	....	2,968.37
Interest	0.38	....	78.31	333.33	7,164.83
Sinking fund and principal payments on debentures	....	....	409.93	1,350.95	13,756.22
Depreciation	271.00	902.00	156.00	869.00	20,756.00
Other reserves	....	....	....	50.00	....
Total operating costs and fixed charges	2,464.44	16,697.13	2,550.59	9,393.11	295,634.71
Net surplus	594.50	41.88	322.33	824.69	24,500.12
Net loss	....	....	....	....	....
NUMBER OF CONSUMERS					
Domestic service	57	438	56	179	4,340
Commercial light service	17	100	10	65	804
Power service	2	8	....	6	103
Total	76	546	66	250	5,247

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1941

Chippawa	Clifford	Clinton	Comber	Cottam	Courtright	Dashwood
1,228	491	1,879	P.V.	P.V.	344	P.V.
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
8,366.81	2,735.04	13,874.73	2,204.96	2,560.33	1,416.97	2,035.51
3,211.43	2,037.02	8,326.85	1,953.92	1,601.37	804.65	1,147.71
49.43	546.25	4,733.91	2,003.46	192.24	....	1,176.24
1,169.11	....	1,114.06	....	....	974.71	....
1,833.13	1,032.00	2,766.22	726.00	480.00	645.00	484.02
....	....	332.16	....	....	....	....
245.39	70.33	624.67	271.30	257.66	....	113.29
14,875.30	6,420.64	31,772.60	7,159.64	5,091.60	3,841.33	4,956.77
6,526.14	4,416.67	18,484.54	5,009.94	3,001.84	2,633.27	3,166.71
....	....	....	....	....	....	....
....	....	122.97	....	....	....	....
1,105.30	40.71	954.65	456.51	51.30	136.73	43.35
194.44	....	17.96	46.07	42.63	....	....
683.35	18.00	263.24	174.37	39.57	67.72	140.49
323.40	57.18	461.08	....	....	....	6.74
361.46	45.96	229.12	92.97	42.85	49.70	....
99.91	....	....	....	....	....	....
694.51	402.32	911.73	219.77	420.80	193.88	174.46
699.18	12.30	1,507.92	181.10	28.00	17.40	40.95
189.07	7.56	91.49	15.60	10.71	6.03	8.08
205.97	....	349.91	....	....	....	....
14.80	290.32	....	....	206.94	0.60	64.26
246.75	260.12	....	....	546.20	....	169.68
818.00	405.00	2,468.00	600.00	506.00	278.00	306.00
....	....	....	....	43.54	11.11	....
12,162.28	5,956.14	25,862.61	6,796.33	4,940.38	3,394.44	4,120.72
2,713.02	464.50	5,909.99	363.31	151.22	446.89	836.05
....	....	....	....	....	....	....
341	128	564	115	121	82	94
53	38	136	46	29	22	26
2	1	16	4	1	1	3
396	167	716	165	151	105	123

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA SYSTEM—Continued

Municipality	Delaware	Delhi	Dorchester	Drayton	Dresden
Population	P.V.	2,430	P.V.	521	1,525
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	2,117.62	11,393.69	2,757.63	3,454.31	7,020.08
Commercial light service	734.64	10,730.96	1,013.28	2,080.74	6,401.76
Commercial power service	....	7,290.15	584.30	1,209.58	3,532.55
Municipal power	....	....	....	....	434.16
Street lighting	276.00	2,447.64	740.00	960.00	2,219.28
Merchandise	....	....	....	....	1,485.32
Miscellaneous	35.24	676.74	117.53	222.50	202.42
Total earnings	3,163.50	32,539.18	5,212.74	7,927.13	21,295.57
EXPENSES					
Power purchased	2,251.14	14,278.48	3,535.15	5,205.99	13,186.03
Substation operation	....	....	....	....	....
Substation maintenance	....	....	....	....	....
Distribution system, operation and maintenance	88.92	1,574.68	169.63	193.98	1,667.47
Line transformer maintenance	....	112.14	0.75	4.13	....
Meter maintenance	....	105.74	68.58	212.19	630.72
Consumers' premises expenses	....	592.97	50.00	44.07	366.02
Street lighting, operation and maintenance	15.87	216.04	111.85	98.74	240.86
Promotion of business	135.13	137.75	40.00	....	11.70
Billing and collecting	142.59	1,574.61	152.07	....	836.02
General office, salaries and expenses	56.61	1,495.72	51.90	397.12	927.77
Undistributed expenses	....	67.53	....	12.47	49.17
Truck operation and maintenance	....	439.72	....	....	442.96
Interest	46.09	3,099.32	60.14	231.17	....
Sinking fund and principal payments on debentures	214.12	3,058.55	219.58	458.99	....
Depreciation	200.00	1,523.00	483.00	716.00	1,036.00
Other reserves	....	....	....	....	....
Total operating costs and fixed charges	3,150.47	28,276.25	4,942.65	7,574.85	19,394.72
Net surplus	13.03	4,262.93	270.09	352.28	1,900.85
Net loss	....	....	....	....	....
NUMBER OF CONSUMERS					
Domestic service	66	581	154	165	445
Commercial light service	15	146	29	67	129
Power service	....	6	2	5	11
Total	81	733	185	237	585

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1941

Drumbo P.V.	Dublin P.V.	Dundas 5,001	Dunnville 3,916	Dutton 830	East York Twp.	Elmira 2,068
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
2,483.51	1,183.20	24,462.48	15,587.53	3,232.58	222,153.55	15,914.23
1,056.12	731.56	13,587.01	16,797.22	2,470.90	31,861.81	8,909.11
703.25	1,499.39	32,522.53	14,505.58	3,463.59	41,897.03	6,168.75
...	...	404.83	2,895.73	...	5,179.75	1,000.92
533.00	550.00	5,664.00	3,669.09	1,037.94	22,945.00	2,041.00
...	...	...	19.92	...	...	...
96.94	19.50	632.13	756.70	279.36	51.35	1,360.99
4,872.82	3,983.65	77,272.98	54,231.77	10,484.37	324,088.49	35,395.00
3,001.10	3,037.82	54,327.91	27,973.60	8,292.55	189,139.05	22,992.15
...	...	583.95	438.60	...	840.59	...
...	...	...	...	...	...	...
256.81	48.35	5,577.21	3,502.75	343.05	7,280.83	1,566.13
...	...	199.16	156.62	12.01	175.65	168.95
30.42	90.85	2,193.03	618.55	106.22	5,225.15	508.39
...	40.61	666.83	...	6.30	6,444.51	334.33
153.62	137.95	444.30	290.93	218.47	2,814.19	150.73
...	...	328.91	4.90	2.80	45.00	48.57
240.71	...	1,134.75	924.07	472.75	15,714.30	792.10
39.40	280.71	2,666.79	1,615.68	151.70	13,478.49	986.15
1.17	7.98	114.17	211.55	21.76	708.65	147.41
...	...	711.14	292.06	...	...	192.38
51.90	...	403.91	1,648.87	...	8,637.60	582.15
240.83	...	3,149.12	3,912.06	...	21,001.10	2,431.04
385.00	380.00	5,496.00	4,400.00	755.00	17,633.00	2,701.00
...	...	...	...	...	...	...
4,400.96	4,024.27	77,997.18	45,990.24	10,382.61	289,138.11	33,601.48
471.86	...	...	8,241.53	101.76	34,950.38	1,793.52
...	40.62	724.20	...	...	...	...
92	58	1,269	998	228	10,637	542
28	21	190	223	63	491	121
1	2	37	28	10	47	20
121	81	1,496	1,249	301	11,175	683

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA SYSTEM—Continued

Municipality	Elora	Embro	Erieau	Erie Beach	Essex
Population	1,185	420	*281	†21	1,886
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	8,212.28	3,350.55	4,064.76	1,719.77	8,410.74
Commercial light service	4,620.91	1,298.38	1,540.88	291.10	8,269.01
Commercial power service	4,329.97	78.89	480.99	....	7,660.83
Municipal power	....	....	....	....	1,474.23
Street lighting	1,353.68	636.00	504.00	....	2,348.17
Merchandise	....	....	....	....	....
Miscellaneous	445.04	68.85	0.24	....	729.17
Total earnings	18,961.88	5,432.67	6,590.87	2,010.87	28,892.15
EXPENSES					
Power purchased	12,642.16	3,744.39	4,147.58	864.04	17,423.07
Substation operation	....	....	....	....	....
Substation maintenance	....	....	....	....	....
Distribution system, operation and maintenance	1,130.72	236.93	213.90	29.26	487.91
Line transformer maintenance	....	....	33.31	8.03	10.90
Meter maintenance	51.25	172.94	155.83	77.06	110.39
Consumers' premises expenses	40.00	34.35	24.73	....	84.82
Street lighting, operation and maintenance	187.06	141.30	91.02	....	419.79
Promotion of business	63.24	160.00	....	....	30.85
Billing and collecting	826.84	289.40	401.97	187.04	1,197.78
General office, salaries and expenses	547.63	122.85	434.36	151.74	1,901.65
Undistributed expenses	154.03	1.35	17.36	0.53	203.13
Truck operation and maintenance	236.38	....	....	....	391.78
Interest	....	....	107.74	65.67	816.53
Sinking fund and principal payments on debentures	....	....	517.94	222.80	731.59
Depreciation	1,395.00	600.00	526.00	115.00	2,380.00
Other reserves	....	....	....	....	....
Total operating costs and fixed charges	17,274.31	5,503.51	6,671.74	1,721.17	26,190.19
Net surplus	1,687.57	....	....	289.70	2,701.96
Net loss	....	70.84	80.87	....	....
NUMBER OF CONSUMERS					
Domestic service	351	118	191	83	515
Commercial light service	72	37	15	3	129
Power service	3	1	2	....	21
Total	426	156	208	86	665

*Summer Population 1,031. †Summer Population 321.

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1941

Etobicoke Twp	Exeter	Fergus	Fonthill	Forest	Forest Hill	Galt
	1,654	2,759	860	1,562	12,172	14,584
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
175,352.29	12,465.82	20,592.39	5,306.52	12,954.45	206,124.88	108,271.45
35,327.15	7.176.61	9,413.50	1,851.70	7,483.39	29,088.15	53,766.31
26,903.13	3,244.57	21,381.04	301.55	4,072.69	2,665.29	148,209.61
6,273.65	523.19	703.54	229.42	1,286.94	580.20	4,323.43
13,955.49	2,790.89	2,490.00	1,358.00	2,456.21	8,533.55	15,346.50
....	297.64	....	....	689.34	....	2,003.94
565.68	910.22	45.00	45.31	698.68	2,039.10	2,909.25
258,377.39	27,408.94	54,625.47	9,092.50	29,641.70	249,031.17	334,830.49
164,924.04	17,894.99	36,281.44	4,616.41	18,932.88	157,775.76	241,068.78
....	....	....	....	....	....	5,095.28
....	....	....	....	....	3,358.17	370.80
9,227.45	997.67	2,273.16	609.35	2,276.03	6,900.27	4,927.21
911.28	149.97	391.40	19.48	....	142.08	279.18
1,439.72	181.89	659.20	107.55	222.80	1,144.83	1,506.90
9,620.28	205.86	523.24	128.08	1,565.88	5,171.22	6,116.95
785.83	523.56	410.86	81.04	386.36	534.62	1,714.29
....	....	35.01	....	89.01	....	5,150 25
8,879.72	1,001.60	973.37	584.65	846.01	4,789.34	4,233.78
5,912.49	1,399.74	933.82	159.78	1,004.45	6,867.83	5,635.45
2,558.25	39.23	161.42	38.80	121.23	1,171.84	2,336.66
1,150 43	228.11	434.09	....	176.45	718.16	590.99
5,809.61	....	518.02	425.29	210.43	11,100.19	2,767.70
13,791.91	....	1,572.97	1,213.76	1,171.91	14,192.44	25,700.91
15,957.00	1,959.00	2,110.00	645.00	1,874.00	12,696.00	29,643.00
....	....	....	....	....	....	....
240,968.01	24,581.62	47,278.00	8,629.19	28,877.44	226,562.75	337,138 13
17,409.38	2,827.32	7,347.47	463.31	764.26	22,468.42	....
....	....	....	....	....	....	2,307.64
5,169	498	753	272	480	3,315	4,078
282	122	109	36	130	238	500
41	14	12	3	20	24	112
5,492	634	874	311	630	3,577	4,690

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA SYSTEM—Continued

Municipality	Georgetown	Glencoe	Goderich	Granton	Guelph
Population	2,452	763	4,674	P.V.	22,500
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	20,180.43	5,280.46	33,856.82	2,188.79	116,546.10
Commercial light service	8,915.29	4,156.67	17,779.18	1,056.66	60,175.80
Commercial power service	32,733.04	1,588.86	14,196.20		127,993.00
Municipal power	729.11	1,690.12	3,160.54		15,399.57
Street lighting	2,900.00	2,006.80	4,508.00	370.23	19,451.44
Merchandise		88.11	458.14		
Miscellaneous	632.85	260.86	786.93	162.50	2,511.88
Total earnings	66,090.72	15,071.88	74,745.81	3,778.18	342,077.79
EXPENSES					
Power purchased	49,220.67	8,634.40	48,074.66	2,722.55	260,985.67
Substation operation			1,573.00		
Substation maintenance					3,009.59
Distribution system, operation and maintenance	1,928.28	1,234.59	2,143.23	264.99	7,053.09
Line transformer maintenance	500.27	12.30	252.02	7.83	888.87
Meter maintenance	708.90	161.29	778.11	172.80	4,014.97
Consumers' premises expenses	558.32		413.30	65.74	1,335.99
Street lighting, operation and maintenance	390.35	145.50	688.32	22.26	4,428.50
Promotion of business					
Billing and collecting	1,624.33	781.51	1,938.43	325.39	6,555.96
General office, salaries and expenses	1,105.20	595.39	1,553.99	52.12	13,801.14
Undistributed expenses	144.62	222.22	85.11	6.00	806.12
Truck operation and maintenance	444.45		468.64		
Interest	233.03		1,611.12	64.82	
Sinking fund and principal payments on debentures	1,219.95		3,321.37	189.95	
Depreciation	2,502.00	1,320.00	7,178.00	313.00	20,282.00
Other reserves					
Total operating costs and fixed charges	60,580.37	13,107.20	70,079.30	4,207.45	323,161.90
Net surplus	5,510.35	1,964.68	4,666.51		18,915.89
Net loss				429.27	
NUMBER OF CONSUMERS					
Domestic service	783	222	1,303	86	5,550
Commercial light service	134	81	247	28	793
Power service	28	9	20		134
Total	945	312	1,570	114	6,477

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1941

Hagersville	Hamilton	Harriston	Harrow	Hensall	Hespeler
1,369	155,511	1,292	1,092	686	3,037
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
6,718.26	894,646.18	7,418.57	10,580.79	4,627.18	17,381.11
6,157.40	518,706.93	5,230.73	5,287.77	2,226.51	5,442.65
17,150.78	2,528,571.07	5,981.44	3,738.11	3,077.32	54,737.99
....	79,233.29	384.06	....	....	990.39
2,170.00	124,507.78	1,606.50	1,455.00	1,008.00	3,200.50
....	....	....	190.91	....	....
1,098.85	73,381.30	231.29	15.18	364.52	1,399.98
33,295.29	4,219,046.55	20,852.59	21,267.76	11,303.53	83,152.62
25,721.56	3,119,688.38	13,473.10	16,434.79	7,753.62	64,705.52
....	72,440.04	....	....	....	406.36
....	9,741.27	....	....	....	....
2,377.84	33,427.84	1,320.00	173.17	670.12	3,871.55
234.97	7,445.42	36.45	13.67	....	129.25
412.47	31,495.04	181.81	104.76	12.22	420.88
59.80	44,076.84	358.46	519.69	42.92	1,335.24
384.02	15,385.16	264.36	203.47	148.58	602.19
70.00	28,300.50	....	98.00	....	127.21
727.29	68,221.33	793.66	832.12	262.50	1,075.62
635.34	58,159.13	416.89	525.55	310.62	1,393.98
47.63	29,552.53	28.16	45.73	4.83	552.44
363.68	....	79.20	....	....	407.82
53.15	105,260.55	256.57	56.58	189.00	999.07
337.16	301,684.38	763.64	828.94	499.05	2,733.20
1,451.00	157,851.20	1,335.00	1,161.00	887.00	3,439.00
....	....	....	....	....	....
32,875.91	4,082,729.61	19,307.30	20,997.47	10,780.46	82 199.33
419.38	136,316.94	1,545.29	270.29	523.07	953.29
....	....	....	....	....	....
391	40,810	385	325	217	808
120	5,314	103	82	59	97
13	1,295	12	7	14	28
524	47,419	500	414	290	933

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA SYSTEM—Continued

Municipality	Highgate	Humberstone	Ingersoll	Jarvis	Kingsville
Population	322	2,831	5,756	536	2,453
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	1,690.82	10,597.65	32,631.00	2,933.52	14,601.74
Commercial light service	832.18	3,711.77	17,234.14	2,186.23	8,754.58
Commercial power service	1,164.65	4,676.56	39,814.09	3,420.19	4,971.84
Municipal power	30.00	....	1,515.74	....	1,173.39
Street lighting	567.00	1,663.12	4,841.52	858.00	2,884.44
Merchandise	....	....	360.42	....	....
Miscellaneous	117.65	729.52	532.91	252.52	1,309.12
Total earnings	4,402.30	21,378.62	96,929.82	9,650.46	33,695.11
EXPENSES					
Power purchased	2,963.93	11,352.96	71,912.72	6,706.10	19,494.69
Substation operation	....	....	504.41	....	....
Substation maintenance	....	....	....	....	....
Distribution system, operation and maintenance	95.48	1,279.26	3,347.00	139.13	1,648.43
Line transformer maintenance	1.50	56.60	532.15	....	40.35
Meter maintenance	140.63	445.92	717.43	....	575.38
Consumers' premises expenses	....	....	1,247.52	....	173.29
Street lighting, operation and maintenance	64.41	113.51	691.74	61.31	785.77
Promotion of business	....	....	764.94	....	60.00
Billing and collecting	308.50	875.70	1,478.44	527.32	1,874.05
General office, salaries and expenses	135.94	298.32	3,799.74	54.14	1,367.48
Undistributed expenses	11.28	18.27	517.26	7.61	409.79
Truck operation and maintenance	....	183.30	303.51	....	387.20
Interest	....	480.00	202.09	130.38	1,357.27
Sinking fund and principal payments on debentures	....	2,000.00	606.32	748.26	1,076.44
Depreciation	513.00	1,344.00	5,039.00	554.00	2,585.00
Other reserves	....	....	....	....	....
Total operating costs and fixed charges	4,234.67	18,447.84	91,714.27	8,928.25	31,835.14
Net surplus	167.63	2,930.78	5,215.55	722.21	1,859.97
Net loss	....	....	....	....	....
NUMBER OF CONSUMERS					
Domestic service	102	712	1,505	150	630
Commercial light service	36	73	223	45	157
Power service	6	8	47	3	20
Total	144	793	1,775	198	807

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1941

Kitchener 33,281	Lambeth P.V.	La Salle 907	Leamington 6,048	Listowel 2,984	London 75,176
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
235,966.18	3,350.37	7,566.64	27,362.01	18,003.67	569,223.31
147,522.32	1,331.27	1,546.44	19,333.05	12,973.85	238,446.77
379,445.48	18.41	283.20	17,280.31	17,488.17	466,696.09
23,838.42	495.55		2,208.44	1,094.94	34,655.59
32,239.06	763.00	804.00	5,699.89	4,505.04	56,265.62
		2.01			7,891.35
210.00	62.50	88.30	1,242.95	660.48	31,128.85
819,221.46	6,021.10	10,290.59	73,126.65	54,726.15	1,404,307.58
603,083.60	4,306.74	6,883.69	50,493.08	39,671.63	920,491.92
12,677.05					14,106.45
1,278.01				80.92	18,124.23
8,694.55	99.48	206.68	2,060.93	2,515.00	15,607.94
803.76	12.81	7.64	99.63	111.10	3,033.11
5,157.51	49.02	368.94	794.05	481.19	23,638.16
17,024.21	58.28	222.25	531.49	317.40	37,274.49
7,577.47	110.57	70.98	1,185.43	752.95	11,501.67
1,397.84		7.33	47.00	68.32	19,201.28
13,120.66	287.13	429.89	1,825.03	1,110.95	26,532.82
13,372.32	37.53	162.31	3,271.88	830.24	31,861.41
3,198.49		5.20	718.48	97.14	16,036.90
			365.07	308.41	7,523.87
9,378.69	7.63	349.05			22,658.21
39,085.25		1,009.82			38,414.31
45,228.00	508.00	1,170.00	4,885.00	3,742.00	126,928.97
			165.46		6,152.89
781,077.41	5,477.19	10,893.78	66,442.53	50,087.25	1,339,088.63
38,144.05	543.91		6,684.12	4,638.90	65,218.95
		603.19			
8,281	134	243	1,599	785	18,571
1,111	23	14	276	157	2,015
263	3	2	36	24	453
9,655	160	259	1,911	966	21,039

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA SYSTEM—Continued

Municipality Population	London Twp.	Long Branch 5,147	Lucan 643	Lynden P.V.	Markham 1,197
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	14,149.52	31,600.12	4,684.17	2,586.66	7,947.95
Commercial light service	2,082.82	7,015.06	2,433.41	759.23	3,312.51
Commercial power service	1,806.92	1,672.55	1,370.24	834.73	2,886.62
Municipal power		1,108.90			361.71
Street lighting	1,454.40	4,266.48	1,467.68	440.00	1,698.00
Merchandise					
Miscellaneous	129.02	243.47	137.57	31.06	347.10
Total earnings	19,622.68	45,906.58	10,093.07	4,651.68	16,553.89
EXPENSES					
Power purchased	14,440.63	24,781.31	5,743.00	3,569.63	11,181.23
Substation operation					
Substation maintenance					
Distribution system, operation and maintenance	721.19	3,289.60	355.44	61.73	1,221.54
Line transformer maintenance		181.95	8.10	4.50	
Meter maintenance	452.74	527.74	354.25	12.87	109.90
Consumers' premises expenses	644.29	740.97	333.04	6.00	202.28
Street lighting, operation and maintenance	324.62	539.82	187.04	48.41	155.00
Promotion of business					42.00
Billing and collecting	861.04	2,827.94	510.49		822.62
General office, salaries and expenses	504.10	2,239.96	424.95	215.18	176.71
Undistributed expenses		788.65	39.49	30.84	12.60
Truck operation and maintenance					141.86
Interest	291.28	385.78	105.63	72.64	
Sinking fund and principal payments on debentures	779.21	2,130.28	382.26	236.64	
Depreciation	1,202.00	2,948.00	805.00	357.00	1,033.00
Other reserves					
Total operating costs and fixed charges	20,221.10	41,382.00	9,248.69	4,615.44	15,098.74
Net surplus		4,524.58	844.38	36.24	1,455.15
Net loss	598.42				
NUMBER OF CONSUMERS					
Domestic service	455	1,501	177	101	334
Commercial light service	20	99	51	17	72
Power service	5	7	6	2	9
Total	480	1,607	234	120	415

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1941

Merlin P.V.	Merritton 2,916	Milton 1,915	Milverton 994	Mimico 7,194	Mitchell 1,670	Moorefield P.V.
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
2,587.08	15,133.73	12,993.02	5,130.07	60,948.58	13,017.73	992.95
2,292.78	3,710.32	6,949.90	4,272.81	11,440.43	6,343.69	1,333.89
802.40	171,295.58	26,073.79	3,178.55	5,272.21	4,785.80	42.79
....	2,007.74	....	516.20	8,391.77	1,094.72	....
795.36	3,331.52	2,141.96	1,035.00	8,337.44	2,590.25	350.00
....	....	....	....	....	1,078.69	....
531.72	513.99	1,454.51	172.93	1,880.05	293.23	37.62
7,009.34	195,992.88	49,613.18	14,305.56	96,270.48	29,204.11	2,757.25
3,635.98	159,247.16	36,473.30	9,650.50	55,591.15	18,448.99	1,879.99
....	415.19	....	....	355.69	....	....
....	....	276.82	....	....	39.96	....
330.62	2,665.61	2,845.55	759.98	7,372.17	1,082.86	32.30
....	67.89	40.68	....	54.19	133.66	....
10.42	726.40	531.78	252.02	1,740.86	354.04	10.20
96.36	18.35	419.41	74.38	1,526.27	583.44	....
42.46	601.96	291.88	168.22	897.24	842.01	51.71
....	....	....	....	....	....	....
243.69	1,898.82	896.44	692.74	3,280.49	878.31	....
235.42	1,929.12	1.228.04	435.89	1,490.88	1,310.04	119.05
1.67	155.81	77.57	16.65	308.41	436.29	5.65
....	288.67	337.91	....	443.11	541.24	....
106.32	382.23	164.42	....	2,303.65	....	0.75
1,070.77	2,307.66	1,074.11	....	7,156.06	....	....
486.00	4,168.00	2,700.00	855.00	7,145.00	3,671.00	256.00
....	....	....	....	....	....	....
6,259.71	174,872.87	47,357.91	12,905.38	89,665.17	28,321.84	2,355.65
749.63	21,120.01	2,255.27	1,400.18	6,605.31	882.27	401.60
....	....	....	....	....	....	....
124	846	530	256	2,053	508	55
50	69	103	75	172	125	30
2	18	16	10	20	22	1
176	933	649	341	2,245	655	86

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA SYSTEM—Continued

Municipality	Mount Brydges	Newbury	New Hamburg	New Toronto	Niagara Falls
Population	P.V.	288	1,441	7,514	18,770
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	2,958.98	1,260.35	10,559.05	40,823.27	133,612.24
Commercial light service	1,142.21	585.78	4,981.08	20,813.91	74,541.74
Commercial power service	967.61	306.07	7,190.99	246,833.16	87,066.80
Municipal power	....	....	....	13,332.13	14,070.49
Street lighting	844.00	720.00	2,217.00	7,767.44	26,935.73
Merchandise	....	....	114.33	....	....
Miscellaneous	255.95	38.98	269.71	2,891.39	3,280.15
Total earnings	6,168.75	2,911.18	25,332.16	332,461.30	339,507.15
EXPENSES					
Power purchased	3,463.45	1,241.70	16,305.61	271,990.57	180,352.29
Substation operation	....	....	223.57	....	10,111.52
Substation maintenance	....	....	43.49	....	....
Distribution system, operation and maintenance	62.39	136.92	834.56	6,811.57	7,344.13
Line transformer maintenance	45.80	....	83.44	156.69	1,044.38
Meter maintenance	153.20	40.16	396.06	1,860.98	6,218.64
Consumers' premises expenses	19.46	....	147.76	135.74	3,677.47
Street lighting, operation and maintenance	39.44	66.17	252.30	992.15	1,827.18
Promotion of business	....	....	....	....	....
Billing and collecting	250.47	60.00	776.30	3,216.31	7,387.95
General office, salaries and expenses	77.76	91.70	1,154.08	8,053.68	11,376.05
Undistributed expenses	5.00	10.76	264.13	1,044.53	9,356.86
Truck operation and maintenance	....	....	206.54	690.86	1,992.22
Interest	55.93	38.50	....	70.86	7,260.63
Sinking fund and principal payments on debentures	234.39	700.00	....	449.55	33,390.79
Depreciation	450.00	402.00	1,685.00	7,464.00	30,605.00
Other reserves	....	....	....	....	....
Total operating costs and fixed charges	4,857.29	2,787.91	22,372.84	302,937.49	311,945.11
Net surplus	1,311.46	123.27	2,959.32	29,523.81	27,562.04
Net loss	....	....	....	....	....
NUMBER OF CONSUMERS					
Domestic service	150	70	372	1,908	4,818
Commercial light service	35	19	94	223	777
Power service	5	1	15	35	109
Total	190	90	481	2,166	5,704

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1941

Niagara-on-the-Lake 1,764	North York Twp.	Norwich 1,301	Oil Springs 541	Otterville P.V.	Palmerston 1,400	Paris 4,427
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
16,501.12	208,705.29	8,724.30	1,846.51	2,473.13	8,596.44	25,047.60
10,938.23	37,091.77	4,671.27	1,486.78	2,121.47	5,405.06	8,699.22
635.18	62,835.29	1,868.41	6,016.89	508.36	5,244.23	22,461.21
1,443.73	7,403.20	....	....	....	1,294.98	....
3,669.26	4,137.31	2,211.65	642.58	896.28	2,628.00	5,555.50
245.24	....	513.15	4.70	....	....	....
504.85	2,684.82	205.17	365.21	50.00	2,439.59	1,310.28
33,937.61	322,857.68	18,193.95	10,362.67	6,049.24	25,608.30	63,073.81
16,455.71	173,869.34	11,461.58	6,799.83	3,455.09	17,580.78	43,960.13
....	....	....	....	....	336.95	963.75
463.18	....	....	....	....	79.64	....
1,784.59	19,009.77	2,098.87	702.07	484.86	366.91	4,672.85
188.39	931.57	72.89	122.59	30.78	110.54	301.48
256.58	2,327.58	255.29	154.48	151.94	355.05	939.82
274.16	3,609.55	168.17	20.00	....	713.17	463.41
546.06	1,023.66	335.37	98.96	226.03	347.11	1,512.06
....	....	130.00	....	....	....	....
1,696.74	8,113.72	590.83	624.94	322.77	724.55	1,357.73
1,725.11	8,107.29	608.92	157.97	222.46	456.53	1,036.76
102.09	644.27	262.35	10.22	5.00	57.39	247.52
537.71	5,449.16	312.24	....	....	286.80	608.36
723.83	14,902.24	60.09	....	3.07	55.98	186.26
1,472.88	30,451.22	835.26	....	....	400.09	1,068.94
2,428.00	19,490.00	1,112.00	1,003.00	620.00	1,641.00	6,254.00
....	....	....	....	....	....	....
28,655.03	287,929.37	18,303.86	9,694.06	5,522.00	23,512.49	63,573.07
5,282.58	34,928.31	....	668.61	527.24	2,095.81	....
....	....	109.91	....	....	....	499.26
579	5,907	369	102	142	397	1,173
112	418	91	33	48	103	192
11	44	8	34	4	14	25
702	6,369	468	169	194	514	1,390

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA SYSTEM—Continued

Municipality	Parkhill	Petrolia	Platts-ville P.V.	Point Edward	Port Colborne
Population	1,029	2,772		1,175	6,772
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	6,039.98	13,088.80	2,645.74	6,203.60	31,583.28
Commercial light service	3,550.43	9,108.59	1,388.70	2,412.03	18,603.48
Commercial power service	935.43	25,349.80	1,942.70	42,290.86	21,105.70
Municipal power	606.56				7,769.46
Street lighting	1,592.38	2,820.00	408.00	1,802.64	8,701.43
Merchandise		408.02		126.00	2,858.44
Miscellaneous	142.30	622.93	91.05	570.78	1,601.65
Total earnings	12,867.08	51,398.14	6,476.19	53,405.91	92,223.44
EXPENSES					
Power purchased	9,359.68	31,531.77	4,280.20	48,066.50	45,810.48
Substation operation					
Substation maintenance					
Distribution system, operation and maintenance	317.64	4,555.73	1.41	277.36	4,834.35
Line transformer maintenance		126.43		10.00	312.44
Meter maintenance	183.71	840.19	129.39	132.39	1,806.56
Consumers' premises expenses	173.18	222.11			90.79
Street lighting, operation and maintenance	201.14	464.25	16.60	229.57	2,560.46
Promotion of business		55.38		15.00	52.75
Billing and collecting	405.57	1,364.61	251.80	928.48	2,312.17
General office, salaries and expenses	88.62	2,140.23	29.72	719.38	3,219.40
Undistributed expenses	7.80	140.47	6.38	20.98	190.94
Truck operation and maintenance		619.62			559.34
Interest	59.69	565.61	60.42	195.58	1,979.51
Sinking fund and principal payments on debentures	376.00	1,842.64	280.25	690.58	6,777.94
Depreciation	945.00	3,911.00	357.00	1,409.00	6,064.00
Other reserves					
Total operating costs and fixed charges	12,118.03	48,380.04	5,413.17	52,694.82	76,571.13
Net surplus	749.05	3,018.10	1,063.02	711.09	15,652.31
Net loss					
NUMBER OF CONSUMERS					
Domestic service	300	798	114	328	1,596
Commercial light service	70	183	25	45	264
Power service	5	59	2	9	25
Total	375	1,040	141	382	1,885

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1941

Port Credit 1,906	Port Dalhousie 1,599	Port Dover 1,790	Port Rowan 700	Port Stanley 1,268	Preston 6,337	Princeton P.V.
$ c	$ c	$ c	$ c	$ c	$ c	$ c
17,844.86	18,873.34	10,033.66	2,938.84	15,767.37	34,775.76	2,602.83
7,721.87	4,128.31	5,277.86	2,066.72	4,868.94	22,553.70	1,059.82
3,686.74	5,803.68	4,607.88	117.56	2,739.43	55,450.87	1,744.91
1,158.85	....	....	....	872.48	1,213.24	....
2,834.38	1,600.50	2,739.02	863.99	2,521.95	5,545.51	468.00
....	....	....	....	....	....	....
404.32	585.47	167.79	147.50	429.34	816.34	96.02
33,651.02	30,991.30	22,826.21	6,134.61	27,199.51	120,355.42	5,971.58
20,407.95	19,807.46	14,008.55	3,476.92	17,743.95	85,838.88	4,744.92
....	....	....	....	....	4,941.84	
....	....	....	....	....	....	....
1,473.74	1,935.88	2,360.13	89.05	2,392.31	2,824.85	52.37
74.73	51.50	108.90	15.00	32.75	211.69	13.50
263.63	569.63	528.78	174.96	423.00	664.95	151.10
1,073.30	277.06	11.65	....	102.97	509.14	86.68
482.06	339.01	269.22	102.85	308.35	373.63	62.10
....	....	80.00	....	....	....	....
1,222.61	1,096.51	456.71	182.21	833.00	1,723.02	215.64
165.93	1,245.52	1,067.97	42.79	767.72	2,526.09	65.17
94.79	66.34	202.47	6.78	40.16	738.13	1.65
....	398.70	289.77	....	513.33	405.12	....
233.14	350.49	5.20	321.22	19.22	1,016.07	40.95
789.55	387.97	....	637.81	384.10	3,479.43	189.98
2,153.00	1,338.00	1,867.00	481.00	1,753.00	10,493.00	296.00
....	200.00	....	....	....	....	....
28,434.43	28,064.07	21,256.35	5,530.59	25,313.86	115,745.84	5,920.06
5,216.59	2,927.23	1,569.86	604.02	1,885.65	4,609.58	51.52
....	....	....	....	....	....	....
594	662	677	147	757	1,557	91
91	69	107	39	104	231	21
10	13	15	3	9	44	3
695	744	799	189	870	1,832	115

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA SYSTEM—Continued

Municipality	Queenston	Richmond Hill	Ridgetown	Riverside	Rockwood
Population	P.V.	1,317	1,986	5,235	P.V.
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	3,558.13	10,199.32	9,277.96	40,070.36	4,256.59
Commercial light service	2,000.38	4,404.90	8,116.45	6,052.33	850.72
Commercial power service	....	1,995.14	4,428.58	2,880.31	192.91
Municipal power	....	386.07	1,186.20	3,111.14	....
Street lighting	397.35	1,527.00	3,504.84	3,797.40	815.25
Merchandise	....	....	349.38	518.59	....
Miscellaneous	94.54	36.84	787.58	753.63	51.22
Total earnings	6,050.40	18,549.27	27,650.99	57,183.76	6,166.69
EXPENSES					
Power purchased	2,950.07	12,870.42	17,697.91	32,202.43	3,595.33
Substation operation	....	....	....	....	....
Substation maintenance	....	....	....	....	....
Distribution system, operation and maintenance	95.67	676.51	1,413.43	2,165.66	174.30
Line transformer maintenance	2.64	....	56.67	234.80	....
Meter maintenance	182.36	285.23	324.24	657.80	65.07
Consumers' premises expenses	96.39	591.94	504.31	1,093.36	90.00
Street lighting, operation and maintenance	107.99	292.59	578.34	580.56	179.16
Promotion of business	....	....	....	170.00	....
Billing and collecting	219.19	781.31	1,332.59	2,150.65	....
General office, salaries and expenses	218.60	274.09	806.32	2,724.84	637.53
Undistributed expenses	5.63	....	147.79	415.64	2.00
Truck operation and maintenance	....	....	326.29	310.01	....
Interest	60.59	44.31	192.76	1,113.40	83.31
Sinking fund and principal payments on debentures	735.30	280.94	570.06	5,993.43	117.29
Depreciation	465.00	717.00	1,836.00	4,879.00	596.00
Other reserves	....	....	....	....	....
Total operating costs and fixed charges	5,139.43	16,814.34	25,786.71	54,691.58	5,539.99
Net surplus	910.97	1,734.93	1,864.28	2,492.18	626.70
Net loss	....	....	....	....	....
NUMBER OF CONSUMERS					
Domestic service	84	388	589	1,433	172
Commercial light service	16	73	140	57	27
Power service	....	14	20	12	2
Total	100	475	749	1,502	201

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1941

Rodney 758	St. Catharines 28,625	St. Clair Beach *138	St. George P.V.	St. Jacobs P.V.	St. Marys 4,009
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
3,407.95	162,450.88	2,622.98	3,202.31	3,988.45	27,901.55
2,509.52	103,578.30	2,581.63	1,569.14	1,754.81	10,880.96
1,946.82	336,935.15	283.70	2,389.60	4,568.22	22.021.79
....	....	....	....	....	3,270.67
1,275.00	27,277.49	....	511.00	430.00	4,925.25
....	....	....	....	....	....
59.98	3,536.98	154.50	155.34	182.45	436.49
9.199.27	633,778.80	5,642.81	7,827.39	10,923.93	69,436.71
6,444.53	471,887.22	3,687.55	5,049.59	8,567.17	43,148.77
....	7,108.92	....	....	....	1,823.72
....	....	....	....	....	484.49
500.63	17,807.81	245.53	113.47	130.99	2,637.87
13.50	1,778.08	....	5.25	....	290.57
99.13	9,724.25	58.34	20.00	24.50	1,082.65
....	2,856.90	57.35	....	....	1,515.35
161.42	3,723.50	....	155.63	48.65	1,169.86
....	575.17	....	....	....	95.96
319.85	14,948.16	257.71	500.99	396.28	1,354.02
449.31	11,769.31	93.20	113.08	223.10	2,103.49
16.26	....	1.47	7.59	6.90	218.93
....	578.71	....	....	....	582.77
....	9,216.67	40.10	80.13	....	1,202.08
....	5,568.29	573.45	332.70	....	3,236.37
595.00	26,368.00	445.00	410.00	439.00	6,165.00
....	5,000.00	....	....	....	200.00
8,599.63	588,910.99	5,459.70	6,788.43	9,836.59	67,311.90
599.64	44,867.81	183.11	1,038.96	1,087.34	2,124.81
....	....	....	....	....	....
249	7,684	89	150	136	1,035
74	1,042	7	35	29	170
6	216	1	1	7	41
329	8,942	97	186	172	1,246

*Summer Population 288.

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA SYSTEM—Continued

Municipality	St. Thomas	Sarnia	Scarborough Twp.	Seaforth
Population	16,461	17,979		1,782
EARNINGS	$ c.	$ c.	$ c.	$ c.
Domestic service	134,560.58	98,054.87	119,233.16	11,148.23
Commercial light service	61,218.66	57,840.83	26,611.07	6,393.09
Commercial power service	61,168.61	190,167.15	18,480.17	4,340.98
Municipal power	7,454.01	4,531.39	14,813.35	664.14
Street lighting	14,961.54	20,370.66	15,667.70	2,039.00
Merchandise	....	2,566.18	....	....
Miscellaneous	3,138.53	10,766.72	....	58.42
Total earnings	282,501.93	384,297.80	194,805.45	24,643.86
EXPENSES				
Power purchased	189,828.03	275,492.94	103,417.50	16,924.37
Substation operation	8,438.16	11,676.90	107.76	....
Substation maintenance	870.26	1,005.23	....	85.62
Distribution system, operation and maintenance	9,665.01	8,283.06	8,457.08	1,036.64
Line transformer maintenance	554.98	776.32	1,416.04	109.85
Meter maintenance	2,666.57	5,358.47	3,224.11	402.47
Consumers' premises expenses	21,174.10	4,575.64	2,767.34	632.51
Street lighting, operation and maintenance	3,001.13	5,841.00	2,043.70	470.72
Promotion of business	3,889.28	3,064.70	....	0.23
Billing and collecting	7,167.38	8,304.73	6,756.99	1,014.10
General office, salaries and expenses	9,346.04	10,528.21	4,681.63	1,037.17
Undistributed expenses	5,579.15	4,668.06	1,412.83	127.16
Truck operation and maintenance	....	1,607.14	1,410.29	459.63
Interest	613.42	645.28	2,953.30	....
Sinking fund and principal payments on debentures	1,762.44	2,701.89	16,908.49	....
Depreciation	17,881.00	23,225.00	15,898.00	2,349.00
Other reserves	....	511.46	38.94	....
Total operating costs and fixed charges	282,436.95	368,266.03	171,494.00	24,699.47
Net surplus	64.98	16,031.77	23,311.45	....
Net loss	....	....	....	55.61
NUMBER OF CONSUMERS				
Domestic service	4,524	4,827	5,369	506
Commercial light service	603	645	369	102
Power service	86	84	37	17
Total	5,213	5,556	5,775	625

"B"—Continued

Hydro Municipalities for Year Ended December 31, 9141

Simcoe 6,340	Smithville *P.V.	Springfield 382	Stamford Twp.	Stouffville 1,198	Stratford 17,163	Strathroy 2,834
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
27,230.88	4,194.66	1,975.82	64,674.79	6,941.01	138,305.80	21,491.71
31,856.59	3,086.29	843.63	15,225.36	4,039.18	58,541.46	12 372.36
27,608.15	2,904.98	891.65	16,149.48	934.19	60,089.11	10,558.47
1,637.15	....	....	1,143.01	....	9,512.49	1,340.36
5,144.43	1,447.00	611.50	8,208.00	1,397.00	17,113.77	4,095.96
381.63	....	....	1,959.58	....	1,422.19	70.61
2,073.72	111.57	91.87	1,128.90	476.72	9,035.17	1,071.25
95,932.55	11,744.50	4,414.47	108,489.12	13,788.10	294,019.99	51,000.72
61,912.75	5,995.37	2,619.60	43,313.09	9,227.40	183,407.10	36,066.13
....	....	....	646.81	....	5,779.54	....
373.28	....	....	....	....	2,768.83	390.56
3,846.59	684.14	302.45	8,132.57	498.82	7,013.87	1,120.00
110.84	....	32.97	279.10	....	407.65	162.69
1,583.67	65.80	132.04	2,221.19	116.18	2,547.88	487.51
227.53	40.17	....	3,751.43	92.39	8,030.63	1,091.80
663.83	205.32	67.17	739.38	250.48	4,984.35	562.28
102.37	....	....	318.26	....	1,465.41	393.99
2,872.80	885.65	500.02	2,861.29	772.03	7,005.04	895.60
2,412.64	178.54	47.18	4,839.13	378.57	9,012.17	2,301.44
191.84	23.80	5.63	1,364.34	....	3,272.63	458.65
1,017.20	....	....	1,981.07	....	1,719.54	888.88
1,522.08	346.89	118.87	4,257.81	....	13,950.00	1,139.14
4,439.82	707.97	258.87	11,683.68	....	6,824.05	2,185.84
5,171.00	418.00	417.00	8,530.00	735.00	26,697.00	4,301.00
....	....	....	....	....	400.00	....
86,448.24	9,551.65	4,501.80	94,919.15	12,070.87	285,285.69	52,445.51
9,484.31	2,192.85	....	13,569.97	1,717.23	8,734.30	....
....	....	87.33	....	....	....	1,444.79
1,613	186	108	2,099	380	4,443	820
383	54	33	166	87	586	165
44	5	3	19	5	117	30
2,040	245	144	2,284	472	5,146	1,015

*13 months' operation.

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA SYSTEM—Continued

Municipality	Streetsville	Sutton	Swansea	Tavistock	Tecumseh
Population	697	949	6,606	1,080	2,237
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	5,086.92	8,668.16	78,977.41	8,516.45	14,511.74
Commercial light service	1,841.51	4,050.24	10,529.01	4,019.93	5,638.93
Commercial power service	4,257.24	1,055.04	20,543.25	8,975.83	2,732.31
Municipal power	....	....	2,555.49	447.07	....
Street lighting	1,358.50	2,203.34	4,942.19	1 317.60	1,378.00
Merchandise	....	....	....	....	....
Miscellaneous	637.34	92.55	833.64	215.16	246.85
Total earnings	13,181.51	16,069.33	118,380.99	23,492.04	24,507.83
EXPENSES					
Power purchased	5,588.37	9,558.33	78,943.73	18,527.44	12,540.00
Substation operation	1,309.58	....	....	....	....
Substation maintenance	....	....	....	....	....
Distribution system, operation and maintenance	797.44	437.35	2,257.28	959.31	1,386.77
Line transformer maintenance	19.20	....	42.50	....	32.62
Meter maintenance	198.14	47.60	1,192.76	167.89	582.15
Consumers' premises expenses	....	213.20	1,721.96	317.31	280.78
Street lighting, operation and maintenance	124.88	218.24	395.98	259.51	440.65
Promotion of business	....	....	....	....	....
Billing and collecting	703.32	542.34	3,356.40	718.97	932.93
General office, salaries and expenses	322.29	267.47	3,010.98	393.98	1,300.56
Undistributed expenses	25.64	34.65	369.46	27.43	89.88
Truck operation and maintenance	....	251.90	756.10	....	486.91
Interest	556.00	250.08	2,650.60	99.08	177.87
Sinking fund and principal payments on debentures	567.39	2,066.61	3,284.49	291.24	2,194.54
Depreciation	991.00	1,178.00	5,439.00	1,227.00	1,855.00
Other reserves	....	....	184.15	....	....
Total operating costs and fixed charges	11,203.25	15,065.77	103,605.39	22,989.16	22,300.66
Net surplus	1,978.26	1,003.56	14,775.60	502.88	2,207.17
Net loss	....	....	....	....	....
NUMBER OF CONSUMERS					
Domestic service	198	453	2,036	298	640
Commercial light service	50	77	99	96	54
Power service	6	3	16	9	3
Total	254	533	2,151	403	697

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1941

Thamesford P.V.	Thamesville 816	Thedford 598	Thorndale P.V.	Thorold 5,080	Tilbury 1,989	Tillsonburg 4,602
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
3,480.19	3,650.49	3,199.87	1,750.19	20,895.35	7,114.19	19,279.35
1,551.76	3,282.07	2,595.76	791.32	8,586.53	9,421.40	18,609.85
1,702.95	1,721.19	912.02	1,114.98	39,088.01	13,058.49	12,144.91
....	179.47	....	....	2,069.90	225.00	1,562.85
517.00	1,337.76	1,065.00	384.00	3,563.40	1,876.07	5,049.54
....	....	....	....	....	0.85	1,124.58
352.87	364.10	157.50	53.96	1,758.04	472.84	83.60
7,604.77	10,535.08	7,930.15	4,094.45	75,961.23	32,168.84	57,854.68
6,549.85	6,784.76	4,417.54	3,007.56	51,278.33	26,641.65	35,152.43
....	....	....	....	3,270.33	....	1,001.54
....	....	....	....	....	....	....
248.82	513.12	146.28	207.80	1,871.28	1,300.53	2,716.74
35.50	25.75	....	33.44	194.95	29.73	138.11
125.80	65.87	24.20	89.52	469.33	433.30	559.93
101.16	6.00	....	....	167.73	49.81	44.11
74.03	329.00	68.00	44.90	1,068.06	163.15	675.77
....	....	....	....	154.62	3.00	238.91
269.41	319.92	249.60	130.78	1,725.80	600.64	1,983.52
131.39	221.05	66.72	78.97	1,297.89	826.37	3,785.28
....	21.31	8.09	....	164.13	195.51	283.48
....	....	....	....	150.45	320.20	568.72
30.36	....	81.50	34.00	....	151.04	436.05
169.80	....	1,357.05	128.63	....	575.45	1,804.52
539.00	938.00	543.00	339.00	3,721.00	1,620.00	4,123.00
....	....	....	....	....	....	....
8,275.12	9,224.78	6,961.98	4,094.60	65,533.90	32,910.38	53,512.11
....	1,310.30	968.17	....	10,427.33	....	4,342.57
670.35	....	....	0.15	....	741.54	....
134	246	156	76	1,227	471	1,200
40	77	49	23	164	135	238
6	7	2	2	16	13	35
180	330	207	101	1,407	619	1,473

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA
SYSTEM—Continued

Municipality Population	Toronto 648,098	Toronto Twp.	Trafalgar Twp. Area No. 1	Trafalgar Twp. Area No. 2
EARNINGS	$ c.	$ c.	$ c.	$ c.
Domestic service	4,133,580.55	74,877.18	14,574.09	4,857.18
Commercial light service	3,009,350.20	23,929.11	568.16	764.39
Commercial power service	4,651,206.49	9,677.49	806.33	113.27
Municipal power	1,259,507.70			
Street lighting	464,318.82	5,374.21	*3,410.67	*1,131.04
Merchandise				
Miscellaneous	196,591.46	2,422.26	511.83	101.20
Total earnings	13,714,555.22	116,280.25	19,871.08	6,967.08
EXPENSES				
Power purchased	7,512,113.10	67,304.19	10,240.10	4,551.44
Substation operation	210,958.27			
Substation maintenance	242,629.23			
Distribution system, operation and maintenance	314,972.25	6,071.69	2,322.63	550.21
Line transformer maintenance	47,235.03	728.16		
Meter maintenance	109,166.12	1,484.89	226.19	146.00
Consumers' premises expenses	225,912.44	1,357.73		
Street lighting, operation and maintenance	108,501.19	770.05		
Promotion of business	152,903.36			
Billing and collecting	414,185.21	5,214.68		
General office, salaries and expenses	355,860.16	6,633.45	1,546.92	596.68
Undistributed expenses	258,780.11	436.42	51.13	7.88
Truck operation and maintenance		1,950.88	603.73	
Interest	595,065.16	1,197.91	248.35	269.60
Sinking fund and principal payments on debentures	1,169,684.94	6,735.43	1,425.24	775.24
Depreciation	1,110,791.92	12,365.00	1,568.00	474.00
Other reserves				
Total operating costs and fixed charges	12,828,758.49	112,250.48	18,232.29	7,371.05
Net surplus	885,796.73	4,029.77	1,638.79	
Net loss				403.97
NUMBER OF CONSUMERS				
Domestic service	150,806	2,653	374	159
Commercial light service	24,362	180	4	17
Power service	5,036	34	9	1
Total	180,204	2,867	387	177

*Highway Lighting.

"B"—Continued

Hydro Municipalities for Year Ending December 31, 1941

Wallaceburg	Wardsville	Waterdown	Waterford	Waterloo	Watford	Welland
4,802	221	867	1,294	8,690	1,023	11,568
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
21,480.65	1,574.56	5,246.59	6,358.72	68,795.44	8,183.17	60,349.10
15,325.23	1,072.56	1,542.49	3,083.68	28,299.84	3,336.04	41,264.47
67,002.97	49.54	1,214.53	6,227.42	44,582.60	4,324.47	238,250.59
1,671.97	....	99.06	268.73	3,811.48	327.81	1,679.28
4,847.04	720.00	1,096.58	1,498.00	7,908.20	1,620.96	12,040.84
2,876.43	....	....	....	....	78.96	....
1,332.17	90.00	134.16	266.89	2,364.49	326.27	5,983.98
114,536.46	3,506.66	9,333.41	17,703.44	155,762.05	18,197.68	359,568.26
81,034.66	1,621.75	5,348.32	12,354.15	112,440.71	13,794.80	208,468.41
323.60	....	....	....	1,492.77	....	6,853.79
....	....	....	....	434.73	....	985.39
3,685.18	196.17	407.25	1,287.03	3,916.47	892.07	3,886.21
248.80	....	....	79.83	886.54	14.27	1,605.01
1,407.32	7.11	140.50	173.78	1,438.24	175.66	3,980.07
50.68	44.16	....	34.20	2,665.37	366.78	2,665.36
903.76	83.78	183.05	297.82	904.22	170.33	1,898.66
92.96	....	....	....	....	6.90	225.00
2,014.16	110.00	546.11	776.07	3,961.82	571.02	4,480.01
4,155.78	29.91	157.34	392.19	2,563.56	790.93	10,841.25
1,055.37	13.00	32.32	39.22	200.02	36.33	563.96
756.45	....	....	....	664.87	194.81	1,281.19
1,255.12	42.26	....	....	105.87	....	6,620.19
4,241.72	657.82	....	....	2,349.81	....	9,902.61
6,237.00	319.00	932.00	1,271.00	11,855.00	1,112.00	17,253.53
263.70	....	....	....	350.00	....	....
107,726.26	3,124.96	7,746.89	16,705.29	146,230.00	18,125.90	281,510.64
6,810.20	381.70	1,586.52	998.15	9,532.05	71.78	78,057.62
....	....	....	....	....	....	....
1,246	62	258	376	2,180	299	2,815
250	24	35	77	259	79	437
42	1	7	14	73	6	92
1,538	87	300	467	2,512	384	3,344

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA SYSTEM—Concluded

Municipality	Wellesley	West Lorne	Weston	Wheatley	Windsor
Population	P.V.	768	5,289	761	103,571
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	2,453.71	3,242.79	53,448.02	3,929.74	709,174.98
Commercial light service	1,647.38	2,378.79	13,442.57	3,341.33	416,301.38
Commercial power service	1,281.89	3,879.52	60,361.89	2,559.96	671,747.74
Municipal power			510.93	537.01	19,414.64
Street lighting	660.00	1,060.02	7,498.67	1,786.32	107,831.76
Merchandise		6.11			8,950.27
Miscellaneous	109.12	113.28	23.19	350.00	624.01
Total earnings	6,152.10	10,680.51	135,285.27	12,504.36	1,934,044.78
EXPENSES					
Power purchased	3,892.51	6,964.96	100,713.49	7,175.59	1,150,972.43
Substation operation					37,633.27
Substation maintenance			419.20		14,625.24
Distribution system, operation and maintenance	248.42	198.17	3,137.06	617.76	56,996.27
Line transformer maintenance		14.68	38.90		12,363.87
Meter maintenance	74.57	136.57	668.65	210.57	26,986.56
Consumers' premises expenses	129.33	148.13	2,916.97	16.15	51,996.26
Street lighting, operation and maintenance	48.95	80.24	740.68	303.49	34,979.90
Promotion of business				80.87	16,817.70
Billing and collecting	231.71	552.71	1,297.13	518.11	53,724.19
General office, salaries and expenses	253.97	268.36	3,316.23	145.68	46,971.32
Undistributed expenses	6.17		386.31	73.23	13,947.36
Truck operation and maintenance			517.64		
Interest			1,188.93	162.98	11,453.19
Sinking fund and principal payments on debentures			4,590.47	926.41	130,856.19
Depreciation	442.00	835.00	6,693.00	837.00	132,716.00
Other reserves					100,000.00
Total operating costs and fixed charges	5,327.63	9,198.82	126,624.66	11,067.84	1,893,039.75
Net surplus	824.47	1,481.69	8,660.61	1,436.52	41,005.03
Net loss					
NUMBER OF CONSUMERS					
Domestic service	140	219	1,538	232	24,711
Commercial light service	44	52	182	73	3,227
Power service	4	7	30	6	482
Total	188	278	1,750	311	28,420

"B"—Continued

Hydro Municipalities for Year Ending December 31, 1941

Woodbridge 946	Woodstock 12,325	Wyoming 530	*York Twp.	York Twp.	Zurich P.V.	NIAGARA SYSTEM SUMMARY
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
8,023.09	79,710.74	2,509.44	519,866.11	546,273.00	3,627.25	11,136,880.39
2,351.38	47,389.13	1,553.37	83,339.68	82,095.06	3,085.89	6,155,448.25
10,406.74	88,871.28	224.92	115,783.66	128,519.62	....	12,215,256.20
762.85	5,232.34	....	7,864.20	7,897.92	....	1,638,200.33
1,134.62	8,880.00	780.00	46,618.78	46,905.68	693.00	1,433,288.43
....	433.57	....	....	....	....	43,386.24
127.52	2,371.39	15.31	21,369.31	985.83	197.56	426,164.02
22,806.20	232,888.45	5,083.04	794,841.74	812,677.11	7,603.70	33,048,623.86
17,731.62	180,249.16	3,131.60	635,649.30	451,256.50	4,678.69	20,506,284.04
....	3,545.58	....	154.49	1,630.13	....	443,468.08
....	244.86	....	....	....	....	308,698.83
356.83	6,007.21	238.14	278.66	12,571.53	462.07	772,545.27
....	....	....	102.91	2,412.77	....	98,211.06
114.39	3,990.01	115.09	....	5,252.73	166.21	321,521.72
284.80	3,194.82	....	106.13	10,166.89	....	539,649.37
118.41	2,170.44	29.74	415.55	6,314.82	49.26	278,333.36
....	985.25	....	....	40.60	....	246,677.32
....	3,567.28	255.58	....	24,759.67	216.43	853,472.03
768.12	4,143.52	124.11	1,399.54	28,248.12	105.57	821,031.93
....	1,394.68	30.61	755.82	3,513.22	24.93	389,274.96
....	1,756.66	....	288.13	....	....	59,323.97
237.65	783.00	....	9,658.13	9,109.89	95.78	897,105.72
447.49	310.25	....	28,108.72	29,659.70	268.10	2,073,275.07
1,066.00	17,200.00	498.00	24,490.00	54,363.00	525.00	2,272,711.62
....	....	....	....	....	....	113,571.25
21,125.31	229,542.72	4,422.87	701,407.38	639,299.57	6,592.04	30,995,155.60
1,680.89	3,345.73	660.17	93,434.36	173,377.54	1,011.66	2,053,468.26
....	....	....	....	....	....	....
298	3,313	159	20,112	20,908	142	425,385
47	470	50	1,105	1,094	45	59,752
9	96	2	155	178	....	11,014
354	3,879	211	21,372	22,180	187	496,151

*1940 operation. Not included in summary.

STATEMENT

Detailed Operating Reports of Electrical Departments of

GEORGIAN BAY SYSTEM

Municipality	Alliston	Arthur	Barrie	Beaverton	Beeton
Population	1,715	1,089	10,095	925	617
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	11,981.76	5,530.88	78,652.07	6,585.35	3,531.63
Commercial light service	8,389.60	5,035.13	49,284.93	2,804.86	2,264.32
Commercial power service	2,378.05	937.74	23,354.10	1,020.77	2,121.68
Municipal power	896.86	382.18	1,701.81	....	....
Street lighting	1,995.00	1,395.00	6,216.50	1,322.49	1,264.00
Merchandise	4.10	....	....	....	....
Miscellaneous	152.94	15.00	300.02	660.98	77.14
Total earnings	25,798.31	13,345.93	159,509.43	12,394.45	9,258.77
EXPENSES					
Power purchased	15,981.98	9,421.01	118,856.75	9,611.36	7,617.50
Substation operation	....	....	733.14	....	....
Substation maintenance	....	....	3.81	....	....
Distribution system, operation and maintenance	859.42	798.85	6,404.76	573.64	249.32
Line transformer maintenance	....	....	339.76	....	....
Meter maintenance	249.54	98.45	811.53	627.06	36.55
Consumers' premises expenses	583.94	....	7,365.46	203.88	....
Street lighting, operation and maintenance	413.72	173.81	1,277.51	230.51	163.25
Promotion of business	....	....	197.61	....	....
Billing and collecting	859.86	....	5,345.21	783.38	134.93
General office, salaries and expenses	385.92	396.08	2,802.57	378.78	124.74
Undistributed expenses	28.42	24.01	396.65	10.68	....
Truck operation and maintenance	....	....	597.64	....	....
Interest	873.58	646.11	862.21	176.62	318.08
Sinking fund and principal payments on debentures	1,576.89	1,139.75	1,922.73	761.95	660.44
Depreciation	1,740.00	1,266.00	9,514.79	1,493.00	777.00
Other reserves	....	....	116.43	75.00	....
Total operating costs and fixed charges	23,553.27	13,964.07	157,548.56	14,925.86	10,081.81
Net surplus	2,245.04	....	1,960.87	....	....
Net loss	....	618.14	....	2,531.41	823.04
NUMBER OF CONSUMERS					
Domestic service	373	228	2,259	331	138
Commercial light service	109	87	431	66	34
Power service	15	8	52	9	6
Total	497	323	2,742	406	178

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1941

Bradford 1,041	Brechin P.V.	Cannington 761	Chatsworth 333	Chesley 1,812	Coldwater 606	Collingwood 5,636
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
6,428.60	1,525.57	5,370.28	2,100.65	9,712.98	3,592.33	31,634.38
4,548.12	649.25	2,391.20	1,304.19	6,078.54	1,303.40	16,029.84
2,937.35	830.72	1,938.55	....	6,605.72	692.97	30,313.23
363.76	....	....	....	794.80	....	1,709.97
1,072.00	476.00	1,155.48	533 00	1,386.00	873.00	3,819.75
....	....	....	....	23.06	....	....
263.62	7.50	47.85	48.77	175.12	190.74	1,124.65
15,613.45	3,489.04	10,903.36	3,986.61	24,776.22	6,652.44	84,631.82
9,633.40	2,663.56	7,041.32	3,088.72	19,825.11	4,576.71	72,416.19
....	....	....	....	....	....	214.18
....	....	....	....	....	....	....
309.08	204.38	521.86	37.23	660.12	349.48	1,740.71
....	....	....	82.12	160.54	....	202.12
198.38	....	179.72	61.65	256.21	167.80	524.29
....	....	48.65	....	23.30	50.47	5.48
247.94	93.81	294.46	22.36	380.19	222.51	377.60
....	....	29.18	....	....	....	....
495.12	....	468.88	....	588.26	527.20	1,928.31
251.79	217.15	468.68	356.12	833.96	160.78	1,138.41
53.44	....	....	15.71	25.96	....	204.76
....	....	....	....	58.38	....	420.07
673.00	173.67	159.18	0.85	121.40	71.51	....
1,346.31	149.65	666.48	....	....	410.18	....
1,189.00	181.00	961.00	348.00	1,831.00	746.00	5,000.00
10.00	....	25.00	....	....	22.11	89.01
14,407.46	3,683.22	10,864.41	4,012.76	24,764.43	7,304.75	84,261.13
1,205.99	....	38.95	....	11.79	....	370.69
....	194.18	....	26.15	....	652.31	....
238	58	235	96	439	162	1,463
68	18	62	24	101	50	208
10	4	10	....	22	2	50
316	80	307	120	562	214	1,721

STATEMENT

Detailed Operating Reports of Electrical Departments of

GEORGIAN BAY SYSTEM—Continued

Municipality	Cookstown	Creemore	Dundalk	Durham	Elmvale
Population	P.V.	661	686	1,874	P.V.
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	2,370.88	3,633.71	3,491.92	7,262.60	3,909.94
Commercial light service	1,565.12	1,622.32	3,258.82	5,331.90	1,669.30
Commercial power service	1,225.53	1,041.19	3,126.56	3,978.94	3,153.12
Municipal power				684.27	276.78
Street lighting	855.00	756.00	1,066.00	1,622.00	696.00
Merchandise				1.32	
Miscellaneous	174.60	120.00	150.00	411.36	246.42
Total earnings	6,191.13	7,173.22	11,093.30	19,292.39	9,951.56
EXPENSES					
Power purchased	3,249.37	6,182.31	8,532.20	15,537.27	6,291.84
Substation operation					
Substation maintenance					
Distribution system, operation and maintenance	148.52	171.25	614.89	930.73	290.51
Line transformer maintenance				101.40	
Meter maintenance	24.90	99.35	85.05	145.51	183.42
Consumers' premises expenses		67.14	114.93	31.83	20.73
Street lighting, operation and maintenance	124.56	82.49	184.04	258.58	214.58
Promotion of business					
Billing and collecting	322.68	230.49		696.84	307.70
General office, salaries and expenses	94.40	62.01	884.95	698.95	215.01
Undistributed expenses	7.29		21.62	54.91	
Truck operation and maintenance				225.52	
Interest	260.21	5.23			42.32
Sinking fund and principal payments on debentures	468.14				413.01
Depreciation	661.00	550.00	618.00	1,477.00	786.00
Other reserves		15.00			
Total operating costs and fixed charges	5,361.07	7,465.27	11,055.68	20,158.54	8,765.12
Net surplus	830.06		37.62		1,186.44
Net loss		292.05		866.15	
NUMBER OF CONSUMERS					
Domestic service	113	167	198	464	199
Commercial light service	32	54	73	104	44
Power service	3	3	5	13	9
Total	148	224	276	581	252

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1941

Elmwood P.V.	Flesherton 452	Grand Valley 645	Gravenhurst 2,261	Hanover 3,190	Holstein P.V.	Huntsville 2,943
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
1,132.13	2,044.72	3,616.84	10,616.56	21,162.83	1,038.07	13,682.90
697.28	1,704.62	2,292.44	12,894.16	9,093.50	738.70	12,025.74
1,220.42	712.02	1,764.89	14,294.67	20,585.86	261.47	14,369.26
			954.91	311.40		1,299.64
396.05	620.00	920.00	2,118.32	2,397.54	345.00	2,792.00
				24.12		
105.49	149.89	214.59	227.75	1,574.47	82.50	377.04
3,551.37	5,231.25	8,808.76	41,106.37	55,149.72	2,465.74	44,546.58
2,802.21	2,846.23	6,010.95	27,545.88	40,516.80	1,527.71	35,121.16
68.21	285.42	469.67	2,551.17	2,287.80	12.98	2,613.83
14.64		11.00	48.07	98.42		88.71
83.53	73.41	121.95	903.33	377.96	7.20	659.49
	4.50		821.32	168.20		131.29
21.56	78.07	99.43	319.30	257.78	16.80	833.45
			1,112.91	1,645.66		1,472.94
183.04	355.53	781.22	794.16	1,049.53	190.04	1,476.19
9.64	6.34	8.27	529.16	378.75	0.59	1,238.01
			390.86	244.41		247.88
	79.65		347.58	493.80		3.00
	280.33			1,151.49		
286.00	424.00	750.00	2,966.00	4,492.18	167.00	1,690.00
			100.00			162.70
3,468.83	4,433.48	8,252.49	38,429.74	53,162.78	1,922.32	45,738.65
82.54	797.77	556.27	2,676.63	1,986.94	543.42	
						1,192.07
66	129	177	576	803	51	705
20	48	52	118	136	22	139
1	2	4	15	24	2	16
87	179	233	709	963	75	860

STATEMENT

Detailed Operating Reports of Electrical Departments of

GEORGIAN BAY SYSTEM—Continued

Municipality Population	Kincardine 2,483	Kirkfield P.V.	Lucknow 977	Markdale 776	Meaford 2,759
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	16,047.00	924.78	5,838.72	3,784.00	14,133.55
Commercial light service	8,855.66	1,041.30	4,505.05	2,869.43	9,130.80
Commercial power service	11,032.65		6,552.58	2,100.30	7,357.27
Municipal power	1,353.08		488.72	340.87	1,037.65
Street lighting	4,370.00	432.00	1,485.00	1,001.00	3,329.37
Merchandise	38.91				
Miscellaneous	451.44		105.00	186.53	777.93
Total earnings	42,148.74	2,398.08	18,975.07	10,282.13	35,766.57
EXPENSES					
Power purchased	27,848.71	1,417.12	13,690.62	6,637.95	24,396.58
Substation operation	383.32				
Substation maintenance					
Distribution system, operation and maintenance	1,923.60	189.91	349.71	228.28	2,243.25
Line transformer maintenance	26.37		4.50		112.07
Meter maintenance	120.16		167.44	120.65	321.78
Consumers' premises expenses	58.46			91.13	146.83
Street lighting, operation and maintenance	396.94	35.52	140.12	88.72	532.38
Promotion of business					
Billing and collecting	785.92				706.35
General office, salaries and expenses	804.14	177.74	1,199.64	626.50	918.43
Undistributed expenses	133.99		54.15	5.00	226.22
Truck operation and maintenance	460.80				369.90
Interest	169.94	0.49	142.45	167.64	763.33
Sinking fund and principal payments on debentures	1,503.64		1,505.18	488.59	4,632.06
Depreciation	2,963.00	286.00	1,089.00	796.00	1,824.00
Other reserves		25.00			13.37
Total operating costs and fixed charges	37,578.99	2,131.78	18,342.81	9,250.46	37,206.55
Net surplus	4,569.75	266.30	632.26	1,031.67	
Net loss					1,439.98
NUMBER OF CONSUMERS					
Domestic service	715	37	261	231	731
Commercial light service	118	14	85	75	146
Power service	17		6	9	20
Total	850	51	352	315	897

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1941

Midland 6,627	Mildmay 764	Mount Forest 1,936	Neustadt 431	Orangeville 2,558	Owen Sound 13,599	Paisley 730
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
36,432.98	3,712.95	9,686.12	2,019.50	16,152.42	62,637.67	4,178.03
18,891.19	2,677.79	9,032.42	1,058.12	10,505.12	50,135.54	2,655.08
63,359.13	952.51	5,095.58	358.15	6,271.84	55,802.88	1,034.49
2,948.97	....	970.88	....	1,052.28	791.84	....
6,376.00	660.00	2,275.92	702.00	2,689.68	11,855.09	1,183.00
....	....	....	....	106.10	129.94	....
2,093.17	156.86	204.82	248.09	507.86	901.95	184.16
130,101.44	8,160.11	27,265.74	4,385.86	37,285.30	182,254.91	9,234.76
113,801.35	5,630.42	21,272.55	1,941.24	28,784.89	153,554.70	6,376.16
2,112.87	....	....	....	....	3,980.25	....
240.30	....	....	....	....	....	....
3,297.07	178.27	466.24	121.69	1,263.38	3,933.47	611.12
52.32	....	4.70	26.50	54.55	1,692.19	25.21
891.00	92.15	209.20	77.73	502.85	2,391.57	124.95
578.53	135.52	....	....	275.12	2.47	....
760.37	134.72	309.91	148.38	661.68	1,947.85	64.87
1,523.11	....	....	....	....	32.90	....
2,224.45	....	656.08	....	1,274.89	5,013.61	....
1,572.45	463.44	208.28	333.96	660.64	5,744.98	577.13
1,111.29	7.23	12.73	18.07	75.82	1,796.66	14.14
584.87	....	143.23	....	....	1,113.74	....
24.25	441.61	331.05	....	5.15	509.41	198.68
....	603.17	973.80	....	....	....	1,140.19
12,959.00	313.00	1,733.00	752.00	2,582.00	9,227.00	645.00
....	....	....	....	....	....	....
141,733.23	7,999.53	26,320.77	3,419.57	36,140.97	190,940.80	9,777.45
....	160.58	944.97	966.29	1,144.33	....	....
11,631.79	....	....	....	....	8,685.89	542.69
1,600	171	468	98	752	3,481	203
210	54	143	28	148	554	51
46	3	15	1	26	110	4
1,856	228	626	127	926	4,145	258

STATEMENT

Detailed Operating Reports of Electrical Departments of

GEORGIAN BAY SYSTEM—Continued

Municipality Population	Penetanguishene 4,177	Port Elgin 1,415	Port McNicoll 964	Port Perry 1,175	Priceville P.V.
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	12,823.08	10,991.40	4,258.49	7,892.67	769.48
Commercial light service	8,678.41	6,291.97	744.33	3,304.27	328.51
Commercial power service	18,285.13	3,360.64	51.28	2,293.65	76.46
Municipal power	2,099.84	786.25		344.53	
Street lighting	2,302.00	2,732.77	945.00	1,690.00	480.00
Merchandise					
Miscellaneous	85.72	306.55	7.50	378.99	8.98
Total earnings	44,274.18	24,469.58	6,006.60	15,904.11	1,663.43
EXPENSES					
Power purchased	31,375.98	18,921.52	3,307.44	12,260.51	632.27
Substation operation	289.58				
Substation maintenance					
Distribution system, operation and maintenance	1,716.06	947.94	385.29	736.04	78.72
Line transformer maintenance	324.02	4.83			
Meter maintenance	296.07	157.75	79.75	154.35	52.55
Consumers' premises expenses	53.51	189.50			
Street lighting, operation and maintenance	435.05	311.31	145.09	227.52	23.59
Promotion of business	20.00				
Billing and collecting	1,283.86	623.84	547.09	867.86	
General office, salaries and expenses	1,038.51	252.34	256.91	447.24	91.29
Undistributed expenses	112.23	37.17	51.50		
Truck operation and maintenance	503.48	179.28			
Interest	100.09	1,301.67	12.73	503.83	
Sinking fund and principal payments on debentures	751.22	2,069.03	196.00	1,191.40	
Depreciation	3,794.00	1,180.00	514.00	1,130.00	262.00
Other reserves					
Total operating costs and fixed charges	42,093.66	26,176.18	5,495.80	17,518.75	1,140.42
Net surplus	2,180.52		510.80		523.01
Net loss		1,706.60		1,614.64	
NUMBER OF CONSUMERS					
Domestic service	702	478	233	377	36
Commercial light service	111	103	19	78	10
Power service	23	6	1	11	1
Total	836	587	253	466	47

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1941

Ripley 420	Rosseau 305	Shelburne 1,053	Southampton 1,467	Stayner 1,106	Sunderland P.V.	Tara 510
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
3,187.06	2,951.30	5,959.24	10,622.26	5,561.56	2,913.67	3,527.47
1,616.15	985.42	3,897.63	5,022.06	3,784.12	1,528.37	1,446.55
1,430.74	....	2,947.31	7,311.60	2,245.48	284.35	1,301.43
....	....	288.62	1,171.19	69.21	....	....
1,124.00	1,410.00	882.00	2,467.68	1,212.00	730.00	1,177.00
....	....	....	....	....	....	....
76.34	24.22	356.18	30.26	164.66	25.57	85.82
7,434.29	5,370.94	14,330.98	26,625.05	13 037.03	5,481.96	7,538.27
5,226.65	3,552.75	10,209.39	19,042.74	10,333.15	3,708.64	4,350.94
....	....	....	....	....	....	....
....	....	....	....	....	....	....
204.80	223.91	344.48	1,260.06	564.41	508.56	136.77
18.98	....	....	107.75	....	....	....
74.89	25.35	226.35	284.07	197.42	79.84	12.74
....	....	....	189.26	84.53	....	....
55.62	71.90	89.79	199.47	170.10	172.41	128.66
....	....	....	....	....	....	....
....	174.90	822.41	813.17	506.00	236.23	....
503.96	67.58	114.20	611.40	403.85	275.88	612.06
11.95	....	22.90	58.61	13.75	....	8.34
....	....	....	134.07	....	....	....
422.37	608.33	0.50	661.81	38.06	....	....
608.50	531.38	....	1,625.65	....	....	....
596.00	326.00	1,285.00	1,241.00	1,179.00	397.00	735.00
....	15.00	....	....	17.04	....	....
7,723.72	5,597.10	13 115.02	26,229.06	13,507.31	5,378.56	5,984.51
....	....	1,215.96	395.99	....	103.40	1,553.76
289.43	226.16	....	....	470.28	....	....
123	64	306	537	286	126	155
48	13	82	94	92	36	33
1	....	15	14	16	2	5
172	77	403	645	394	164	193

STATEMENT

Detailed Operating Reports of Electrical Departments of

GEORGIAN BAY SYSTEM—Concluded

Municipality	Teeswater	Thornton	Tottenham	Uxbridge	Victoria Harbour
Population	873	P.V.	532	1,480	1,018
Earnings	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	5,241.87	1,623.85	3,868.02	9,085.72	3,602.21
Commercial light service	2,954.34	479.21	1,561.23	4,929.47	980.78
Commercial power service	1,020.47	314.11	446.96	2,439.99	
Municipal power	180.00		176.69		94.34
Street lighting	1,107.60	500.00	882.00	1,692.61	663.00
Merchandise					
Miscellaneous	139.70			41.08	15.00
Total earnings	10,643.98	2,917.17	6,934.90	18,188.87	5,355.33
Expenses					
Power purchased	6,800.13	1,376.62	5,838.54	15,110.18	3,213.58
Substation operation					
Substation maintenance					
Distribution system, operation and maintenance	148.72	98.41	303.91	787.68	216.22
Line transformer maintenance	14.25				
Meter maintenance	107.14		59.58	352.58	87.80
Consumers' premises expenses	54.33			280.74	
Street lighting, operation and maintenance	60.00	57.25	168.18	275.83	163.32
Promotion of business					
Billing and collecting			269.43	355.17	587.37
General office, salaries and expenses	582.17	107.86	184.23	425.93	372.21
Undistributed expenses	22.23			17.52	
Truck operation and maintenance					
Interest	122.42		224.26	0.73	
Sinking fund and principal payments on debentures	1,874.78		578.95		
Depreciation	955.00	433.00	561.00	949.00	594.00
Other reserves				100.00	
Total operating costs and fixed charges	10,741.17	2,073.14	8,188.08	18,655.36	5,234.50
Net surplus		844.03			120.83
Net loss	97.19		1,253.18	466.49	
Number of Consumers					
Domestic service	230	68	142	401	255
Commercial light service	55	12	45	97	31
Power service	3	2	7	11	1
Total	288	82	194	509	287

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1941

Walkerton 2,534	Waubaushene P.V.	Wiarton 1,750	Windermere 158	Wingham 2,114	Woodville 439	GEORGIAN BAY SYSTEM SUMMARY
$ c.	$ c	$ c.	$ c.	$ c.	$ c.	$ c.
17,990.71	3,358.50	7,676.87	2,538.25	13,163.91	2,170.54	557,934.43
11,200.15	583.60	8,331.47	1,272.76	8,712.77	1,022.24	354,040.59
9,466.30	66.36	2,827.98	161.83	9,462.85	606.29	365,183.40
526.99	144.10	1,368.42	....	880.42	....	26,491.27
2,900.47	482.00	2,388.94	325.00	3,305.01	636.00	104,486.27
970.94	....	....	....	1,809.90	....	3,108.39
45.60	142.14	427.68	....	1,358.87	218.95	16,656.06
43,101.16	4,776.70	23,021.36	4,297.84	38,692.73	4,654.02	1,427,900.41
29,762.32	3,554.52	15,948.93	2,054.43	26,326.95	3,571.21	1,078,729.22
....	....	....	....	1,806.44	....	9,519.78
....	....	....	....	....	....	244.11
1,143.14	116.73	775.94	141.90	2,102.64	399.05	51,301.20
209.74	....	....	....	32.02	....	3,856.78
629.12	46.50	220.37	36.25	501.12	89.04	14,766.39
95.73	30.07	....	....	62.80	50.00	12,019.65
480.32	60.65	449.79	69.13	503.71	102.29	16,030.75
....	....	....	....	....	....	1,802.80
1,039.69	327.62	556.78	130.21	800.54	253.51	37,777.35
1,517.17	167.50	646.98	86.95	1,917.72	135.15	38,406.43
280.87	....	87.45	....	255.25	....	7,449.28
82.73	....	161.69	....	530.43	....	6,448.98
2,099.57	53.16	1,329.97	453.87	1,639.69	67.99	17,703.05
2,955.71	....	1,671.10	580.43	1,591.66	222.16	38,241.95
1,868.00	436.00	1,018.00	411.00	3,922.00	291.00	99,159.97
....	....	....	....	....	30.00	815.66
42,164.11	4,792.75	22,867.00	3,964.17	41,992.97	5,211.40	1,434,273.35
937.05	....	154.36	333.67	....	....	....
	16.05	....	....	3,300.24	557.38	6,372.94
650	225	417	63	577	114	24,981
142	21	112	14	142	24	5,140
20	2	15	1	22	2	723
812	248	544	78	741	140	30,844

STATEMENT

Detailed Operating Reports of Electrical Departments of

EASTERN ONTARIO SYSTEM

Municipality	Alexandria	Apple Hill	Arnprior	Athens	Bath
Population	1,976	P.V.	4,019	626	325
Earnings	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	7,326.19	1,389.81	17,554.25	3,154.90	2,083.39
Commercial light service	4,834.93	960.20	10,251.73	1,678.61	761.01
Commercial power service	2,886.71	440.92	15,385.70	882.81	....
Municipal power	912.47	....	2,509.43	....	....
Street lighting	1,950.00	478.50	3,492.00	1,204.00	420.00
Merchandise	....	....	....	....	....
Miscellaneous	579.38	25.16	224.40	151.99	....
Total earnings	18,489.68	3,294.59	49,417.51	7,072.31	3,264.40
Expenses					
Power purchased	10,514.21	1,836.48	27,267.52	4,913.87	1,474.40
Substation operation	....	....	....	....	....
Substation maintenance	....	....	....	....	....
Distribution system, operation and maintenance	1,230.05	91.68	1,579.34	182.16	108.07
Line transformer maintenance	40.55	....	62.27	....	....
Meter maintenance	227.17	10.35	334.52	31.24	....
Consumers' premises expenses	93.24	....	299.10	....	....
Street lighting, operation and maintenance	238.25	26.75	253.49	36.90	36.08
Promotion of business	....	....	248.47	....	....
Billing and collecting	1,063.68	....	2,613.38	....	....
General office, salaries and expenses	413.97	273.95	2,146.50	317.28	238.21
Undistributed expenses	101.09	....	....	....	....
Truck operation and maintenace	292.15	....	....	....	....
Interest	....	38.62	1,327.11	429.56	329.31
Sinking fund and principal payments on debentures	....	484.48	2,650.30	763.35	330.10
Depreciation	1,790.00	228.00	1,240.00	625.00	256.00
Other reserves	....	....	....	....	....
Total operating costs and fixed charges	16,004.36	2,990.31	40,022.00	7,299.36	2,772.17
Net surplus	2,485.32	304.28	9,395.51	....	492.23
Net loss	....	....	....	227.05	....
Number of Consumers					
Domestic service	388	63	798	183	55
Commercial light service	103	24	150	56	14
Power service	15	2	20	1	....
Total	506	89	968	240	69

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1941

Belleville 14,876	Bloomfield 636	Bowmanville 3,850	Brighton 1,462	Brockville 9,996	Cardinal 1,602	Carleton Place 4,143
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
86,710.19	3,270.63	30,816.32	10,546.78	58,231.06	7,815.43	21,075.45
57,915.07	2,212.19	10,850.44	4,732.16	27,511.21	2,419.34	9,489.40
44,075.97	1,138.57	62,343.54	3,845.65	43,837.21	371.52	26,534.12
4,173.52	....	....	....	5,854.80	....	1,530.14
10,968.86	715.00	3,902.28	2,028.12	8,991.50	992.00	4,885.25
5,526.15	....	....	228.24	....	....	....
2,831.61	114.79	3,120.66	182.44	5,703.27	142.50	1,198.65
212,201.37	7,451.18	111,033.24	21,563.39	150,129.05	11,740.79	64,713.01
161,868.80	4,714.34	80,126.60	9,946.57	111,135.80	7,669.74	45,321.64
1,881.00	....	63.40	....	5,206.40	....	131.09
....	....	....	....	1,012.40	....	....
2,416.96	47.05	2,942.80	1,526.26	2,773.79	637.87	1,342.91
398.15	....	134.51	36.75	564.54	7.85	235.81
1,670.23	17.91	416.00	402.03	2,901.53	103.15	622.68
1,096.15	20.00	1,306.48	276.52	....	....	770.11
1,659.18	91.10	406.74	295.71	1,246.40	159.12	791.27
....	....	132.45	....	....	....	57.72
3,623.26	....	2,522.54	609.44	2,828.97	....	1,882.18
6,899.91	280.78	2,947.35	1,223.07	5,415.34	661.48	3,488.47
1,268.59	....	892.21	319.69	1,478.55	....	526.01
....	....	....	360.80	546.30	....	615.95
....	219.57	300.00	342.54	....	446.51	1,332.07
....	364.77	5,000.00	1,490.00	....	738.93	3,840.68
9,785.00	618.00	2,954.00	830.00	12,391.00	549.00	2,662.00
....	....	....	....	....	....	....
192,567.23	6,373.52	100,145.08	17,659.38	147,501.02	10,973.65	63,620.59
19,634.14	1,077.66	10,888.16	3,904.01	2,628.03	767.14	1,092.42
....	....	....	....	....	....	....
3,450	170	1,193	555	2,959	382	1,056
692	43	155	97	412	59	187
100	7	26	10	76	2	18
4,242	220	1,374	662	3,447	443	1,261

STATEMENT

Detailed Operating Reports of Electrical Departments of

EASTERN ONTARIO SYSTEM—Continued

Municipality Population	Chesterville 1,094	Cobden 643	Cobourg 5,062	Colborne 960	Deseronto 1,002
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	5,002.39	2,340.27	37,699.45	5,961.27	5,998.11
Commercial light service	3,894.35	2,429.30	20,765.36	3,222.81	2,323.60
Commercial power service	2,125.50	376.12	24,899.74	656.97	1,079.22
Municipal power	....	....	2,250.63	211.63	722.95
Street lighting	1,131.00	703.00	5,928.42	1,524.00	1,649.00
Merchandise	96.76	....	40.11	166.02	....
Miscellaneous	409.50	117.47	972.84	118.74	147.95
Total earnings	12,659.50	5,966.16	92,556.55	11,861.44	11,920.83
EXPENSES					
Power purchased	8,765.74	3,351.40	66,649.89	6,919.98	6,773.71
Substation operation	....	....	....	....	....
Substation maintenance	....	....	....	....	....
Distribution system, operation and maintenance	701.17	104.35	1,627.43	441.22	1,409.58
Line transformer maintenance	....	....	415.63	....	....
Meter maintenance	59.96	87.16	1,129.42	156.13	81.60
Consumers' premises expenses	291.33	....	467.39	214.49	63.66
Street lighting, operation and maintenance	89.41	53.09	937.14	200.35	484.53
Promotion of business	....	....	....	....	43.88
Billing and collecting	553.03	416.65	3,215.98	....	627.12
General office, salaries and expenses	517.27	142.85	2,256.27	1,549.51	598.88
Undistributed expenses	....	....	854.44	150.65	81.57
Truck operation and maintenance	....	....	298.31	281.93	392.14
Interest	....	287.49	2,121.26	550.78	18.55
Sinking fund and principal payments on debentures	....	612.51	5,164.23	613.13	707.21
Depreciation	712.00	162.00	4,721.00	435.00	530.00
Other reserves	....	....	....	....	....
Total operating costs and fixed charges	11,689.91	5,217.50	89,858.39	11,513.17	11,812.43
Net surplus	969.59	748.66	2,698.16	348.27	108.40
Net loss	....	....	....	....	....
NUMBER OF CONSUMERS					
Domestic service	248	135	1,422	273	338
Commercial light service	74	47	234	75	59
Power service	3	1	49	5	5
Total	325	183	1,705	353	402

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1941

Finch 396	Hastings 823	Havelock 1,103	Iroquois 1,123	Kemptville 1,230	Kingston 26,741
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
2,318.15	3,855.15	4,722.09	5,874.57	7,183.31	174,672.35
1,669.72	2,278.04	2,668.06	3,865.55	5,051.48	118,787.81
437.21	185.64	1,912.14	372.43	4,458.48	135,472.18
....	....	....	1,628.76	....	10,767.10
507.00	1,300.10	1,560.00	927.00	1,786.00	21,219.34
....	....	....	....	....	....
144.29	302.29	538.14	101.43	1,110.57	3,451.90
5,076.37	7,921.22	11,400.43	12,769.74	19,589.84	464,370.68
3,811.97	3,825.54	5,860.29	7,003.89	11,403.47	300,336.21
....	....	....	....	....	4,674.03
....	....	....	....	....	897.51
31.56	539.99	1,075.20	1,303.15	1,485.39	14,902.23
....	....	....	146.75	33.88	1,363.86
4.05	124.99	....	121.50	188.18	4,837.65
44.53	....	....	....	206.59	3,106.07
20.25	158.02	132.08	454.08	222.64	3,469.59
....	....	....	....	....	269.15
....	....	....	647.53	1,109.70	5,755.93
288.13	535.95	624.07	109.06	375.89	11,915.93
....	44.28	....	48.77	64.15	6,908.23
....	....	235.66	....	249.91	3,148.31
205.57	782.99	39.93	....	802.04	2,624.55
405.88	975.13	310.41	....	1,014.18	2,857.50
350.00	679.00	1,128.00	252.00	1,345.00	32,873.00
....	....	....	....	....	12,500.00
5,161.94	7,665.89	9,405.64	10,086.73	18,501.02	412,439.75
....	255.33	1,994.79	2,683.01	1,088.82	51,930.93
85.57	....	....	....	....	....
97	227	291	276	347	7,001
32	52	57	76	85	1,019
1	3	2	5	5	185
130	282	350	357	437	8,205

STATEMENT

Detailed Operating Reports of Electrical Departments of

EASTERN ONTARIO SYSTEM—Continued

Municipality	Lakefield	Lanark	Lancaster	Lindsay	Madoc
Population	1,301	686	570	7,241	1,130
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	6,331.04	2,903.72	2,061.49	46,064.53	4,946.94
Commercial light service	4,444.43	1,616.65	1,263.34	30,261.50	4,072.29
Commercial power service	4,497.88			51,834.44	1,368.56
Municipal power				3,034.01	
Street lighting	1,710.00	572.00	480.00	6,309.69	1,395.95
Merchandise					
Miscellaneous	541.00	180.63	6.86	2,519.33	194.68
Total earnings	17,524.35	5,273.00	3,811.69	140,023.50	11,978.42
EXPENSES					
Power purchased	11,258.77	3,424.48	2,368.04	105,952.25	8,348.32
Substation operation					
Substation maintenance					
Distribution system, operation and maintenance	501.88	147.76	78.95	1,930.23	994.00
Line transformer maintenance				669.00	
Meter maintenance	137.28	63.84	20.70	1,020.02	51.99
Consumers' premises expenses				553.02	21.98
Street lighting, operation and maintenance	186.13	86.82	63.39	1,980.51	114.55
Promotion of business				484.34	
Billing and collecting	394.08			3,296.82	
General office, salaries and expenses	671.11	367.90	379.22	6,554.97	869.84
Undistributed expenses	42.71			1,141.05	41.51
Truck operation and maintenance	194.37			688.40	
Interest	1,204.99			3,198.26	
Sinking fund and principal payments on debentures	1,366.63			7,060.47	
Depreciation	1,458.00	389.00	404.00	5,456.00	515.00
Other reserves					
Total operating costs and fixed charges	17,415.95	4,479.80	3,314.30	139,985.34	10,957.19
Net surplus	108.40	793.20	497.39	38.16	1,021.23
Net loss					
NUMBER OF CONSUMERS					
Domestic service	343	166	103	2,080	301
Commercial light service	70	40	30	341	86
Power service	6			71	4
Total	419	206	133	2,492	391

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1941

Marmora 1,004	Martintown P.V.	Maxville 811	Millbrook 749	Morrisburg 1,484	Napanee 3,241	Newcastle 701
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
4,358.34	703.29	3,218.99	4,336.73	9,094.25	25,156.43	5,233.92
2,269.53	914.03	2,719.87	2,132.63	6,927.91	17,008.50	2,663.37
238.80	...	...	740.50	2,397.33	9,146.07	3,302.91
...	...	...	...	415.21	626.22	...
1,298.00	176.00	1,157.53	783.20	2,523.15	3,961.22	614.68
...	...	...	...	...	316.55	...
31.67	58.26	87.80	111.73	318.22	130.66	...
8,196.34	1,851.58	7,184.19	8,104.79	21,676.07	56,345.65	11,814.88
4,468.77	1,249.53	4,284.90	3,276.85	6,585.17	36,000.99	6,369.62
...	...	...	...	2,319.00	...	...
...	...	...	...	...	...	...
560.16	86.98	406.91	431.64	1,224.24	4,225.18	484.06
...	...	...	81.43	30.39	220.41	...
...	9.45	113.91	249.46	142.79	658.48	114.44
...	...	...	38.60	...	282.17	147.31
163.20	20.00	211.24	121.09	311.07	688.58	84.88
...	...	...	570.11	619.00	1,857.24	582.72
880.92	173.55	357.02	632.09	439.13	4,667.21	197.51
...	...	...	...	228.26	2,139.44	10.97
...	...	...	...	123.41	207.24	...
77.28	...	...	292.12	1,190.57	...	96.25
1,193.22	...	...	430.39	4,101.06	...	1,194.26
642.00	186.00	650.00	200.00	741.00	2,219.00	836.00
...	...	...	...	...	...	...
7,985.55	1,725.51	6,023.98	6,323.78	18,055.09	53,165.94	10,118.02
210.79	126.07	1,160.21	1,781.01	3,620.98	3,179.71	1,696.86
...	...	...	...	...	...	...
243	47	158	170	426	852	216
46	25	53	60	108	198	38
2	...	...	3	13	25	3
291	72	211	233	547	1,075	257

STATEMENT

Detailed Operating Reports of Electrical Departments of

EASTERN ONTARIO SYSTEM—Continued

Municipality	Norwood	Omemee	Orono	Oshawa
Population	710	630	P.V.	25,035
EARNINGS	$ c.	$ c.	$ c.	$ c.
Domestic service	4,967.60	3,207.76	4,404.89	209,518.33
Commercial light service	2,335.64	1,164.20	2,123.87	83,052.40
Commercial power service	530.35	3,774.88	51.21	314,410.18
Municipal power				9,777.45
Street lighting	1,596.00	1,075.26	768.28	12,194.82
Merchandise				
Miscellaneous	632.30	173.83		14,705.06
Total earnings	10,061.89	9,395.93	7,348.25	643,658.24
EXPENSES				
Power purchased	4,424.53	6,690.53	3,229.04	525,376.53
Substation operation				170.66
Substation maintenance				
Distribution system, operation and maintenance	613.37	623.08	590.76	9,948.30
Line transformer maintenance		4.90	56.41	287.36
Meter maintenance		93.33	18.66	3,690.82
Consumers' premises expenses	55.49	27.37	203.36	10,531.49
Street lighting, operation and main-maintenance	160.94	123.81	70.39	1,729.87
Promotion of business				64.96
Billing and collecting			551.60	12,102.28
General office, salaries and expenses	531.48	362.88	368.51	10,236.62
Undistributed expenses		9.89	23.69	3,904.67
Truck operation and maintenance	235.64			
Interest	1,117.86		202.17	4,289.46
Sinking fund and principal payments on debentures	1,635.60		827.28	18,000.00
Depreciation	1,317.00	860.00	178.00	14,118.00
Other reserves				
Total operating costs and fixed charges	10,091.91	8,795.79	6,319.87	614,451.02
Net surplus		600.14	1,028.38	29,207.22
Net loss	30.02			
NUMBER OF CONSUMERS				
Domestic service	235	169	179	6,424
Commercial light service	55	32	37	689
Power service	3	6	1	113
Total	293	207	217	7,226

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1941

Ottawa 150,277	Perth 4,197	Peterborough 24,400	Picton 3,400	Port Hope 4,997	Prescott 2,930	Richmond 428
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
589,791.57	25,753.93	175,412.76	24,286.85	30,500.40	20,600.54	2,309.82
258,129.99	16,036.88	99,691.58	16,400.67	14,581.07	12,563.56	1,473.08
65,249.80	15,644.56	157,640.51	3,778.19	30,512.88	5,412.65	....
22,479.57	1,110.56	6,414.40	2,015.94	1,377.55	1,390.99	....
81,260.08	2,855.60	22,451.66	3,956.04	4,180.66	4,120.50	390.00
....	2,874.33	....	1,619.57	....	....	....
5,420.65	3,380.70	1,161.68	1,490.97	891.01	19.63	....
1,022,331.66	67,656.56	462,772.59	53,548.23	82,043.57	44,107.87	4,172.90
503,933.09	42,315.93	299,958.74	38,530.33	66,449.61	29,565.10	2,771.92
32,888.27	406.48	6,354.67	....	....	1,381.56	....
971.92	....	1,432.04	....	....	....	....
24,628.53	1,664.55	8,407.05	967.15	1,017.45	3,181.83	152.38
1,689.43	166.65	1,021.37	334.89	151.83	206.89	....
13,406.56	306.72	5,800.91	365.43	880.08	801.51	10.96
3,846.08	473.22	17,289.41	46.93	1,538.10	659.06	....
34,892.74	358.86	4,815.36	282.08	1,416.04	618.87	58.16
9,213.31	120.22	489.46	13.47	....	....	....
49,926.33	1,769.66	9,940.95	972.07	2,119.75	1,276.64	....
28,225.15	3,603.72	6,820.21	1,894.86	3,361.08	2,396.38	256.66
16,789.48	424.59	4,316.10	499.73	888.85	607.67	....
2,765.22	710.67	2,539.79	204.84	384.89	....	....
23,507.33	2,365.29	29,143.41	....	....	....	206.29
15,724.74	2,899.44	12,584.45	....	....	....	355.55
103,222.00	4,579.00	21,824.00	2,494.00	3,087.00	3,567.00	280.00
55,500.00	....	800.00	....	....	....	....
921,130.18	62,165.00	433,537.92	46,605.78	81,294.68	44,262.51	4,091.92
101,201.48	5,491.56	29,234.67	6,942.45	748.89	....	80.98
....	....	....	....	....	154.64	....
14,922	1,045	6,243	1,082	1,406	738	81
1,457	198	914	205	217	160	22
204	27	163	36	37	21	....
16,583	1,270	7,320	1,323	1,660	919	103

STATEMENT

Detailed Operating Reports of Electrical Departments of

EASTERN ONTARIO SYSTEM—Concluded

Municipality	Russell	Smiths Falls	Stirling	Trenton	Tweed
Population	P.V.	7,741	947	7,636	1,181
EARNINGS	$ c.	$ c.	$ c.	$ c.	$ c.
Domestic service	2,812.87	46,841.54	5,393.80	42,939.17	6,380.56
Commercial light service	1,456.73	16,620.71	3,596.40	26,268.65	4,781.97
Commercial power service		20,910.23	1,291.68	73,525.28	3,683.15
Municipal power		667.79	275.13	2,878.87	329.37
Street lighting	800.00	7,475.28	1,637.04	7,616.11	1,809.92
Merchandise			57.51	372.66	
Miscellaneous	155.00	3,172.66	358.30	1,346.69	183.14
Total earnings	5,224.60	95,688.21	12,609.86	154,947.43	17,168.11
EXPENSES					
Power purchased	3,094.34	60,948.24	7,396.41	105,326.96	9,212.09
Substation operation		470.22	277.20		
Substation maintenance		731.42		24.73	
Distribution system, operation and maintenance	204.17	3,664.44	493.35	1,470.73	393.33
Line transformer maintenance		244.18		131.58	
Meter maintenance		810.93	94.33	2,150.61	249.16
Consumers' premises expenses		3,568.52		838.53	
Street lighting, operation and maintenance	94.75	633.79	306.60	1,094.11	272.19
Promotion of business	62.34	128.85		8.96	1.19
Billing and collecting		3,101.06	439.07	3,455.93	863.68
General office, salaries and expenses	358.20	2,965.17	1,152.53	5,779.29	365.12
Undistributed expenses		1,549.08	105.27	1,646.07	14.44
Truck operation and maintenance		720.83	218.33	775.77	
Interest	196.53	109.63		994.22	206.43
Sinking fund and principal payments on debentures	640.26	969.84		7,921.57	1,644.77
Depreciation	372.00	8,389.00	971.00	5,911.00	659.00
Other reserves		300.00			
Total operating costs and fixed charges	5,022.59	89,305.20	11,454.09	137,530.06	13,881.40
Net surplus	202.01	6,383.01	1,155.77	17,417.37	3,286.71
Net loss					
NUMBER OF CONSUMERS					
Domestic service	115	1,923	297	1,682	306
Commercial light service	34	283	72	265	86
Power service		41	12	56	13
Total	149	2,247	381	2,003	405

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1941

Warkworth P.V.	Wellington 948	Westport 725	Whitby 4,236	Williamsburgh P.V.	Winchester 1,017	EASTERN ONTARIO SYSTEM SUMMARY
$ c	$ c	$ c.	$ c.	$ c.	$ c.	$ c.
2,224.95	6,325.62	3,711.80	28,409.62	1,957.75	6,555.34	1,864,318.65
1,317.34	2,630.24	2,990.29	14,280.23	2,648.25	4,618.05	965,628.22
11.73	912.24	....	15,357.93	146.33	1,557.82	1,161,646.44
....	....	....	1,574.30	....	....	84,928.79
617.18	1,102.98	1,388.04	4,904.04	286.92	944.00	262,674.20
....	....	....	....	....	....	11,297.90
161.20	202.50	197.33	3,525.95	625.76	420.19	64,095.36
4,332.40	11,173.58	8,287.46	68,052.07	5,665.01	14,095.40	4,414,589.56
2,675.28	6,560.46	5,047.43	39,265.62	3,564.13	9,466.61	2,860,882.67
....	....	....	270.99	....	....	56,494.97
....	....	....	....	....	....	5,070.02
105.16	876.22	243.93	7,183.94	70.82	549.64	116,622.38
....	....	....	360.49	....	....	9,097.76
39.84	161.70	129.16	1,137.11	51.90	71.68	46,381.21
....	31.30	....	896.41	23.88	147.32	49,475.21
100.13	111.40	60.66	1,013.16	139.46	62.94	63,909.94
....	....	....	6.44	....	....	11,345.21
....	....	....	1,992.62	....	536.96	123,837.96
226.68	599.88	1,160.45	2,010.45	602.05	326.13	133,014.09
....	58.26	....	266.37	....	....	47,446.33
....	....	27.48	393.09	....	....	16,611.43
445.68	341.87	518.25	699.87	....	160.90	82,763.11
353.46	1,059.22	696.52	2,982.02	....	612.80	112,576.34
289.00	966.00	293.00	4,038.00	300.00	816.00	269,341.00
....	....	....	....	....	....	69,100.00
4,235.23	10,766.31	8,176.88	62,516.58	4,752.24	12,750.98	4,073,969.63
97.17	407.27	110.58	5,535.49	912.77	1,344.42	340,619.93
....	....	....	....	....	....	....
133	342	138	966	98	301	65,837
43	63	48	167	46	85	10,075
1	5	....	25	1	3	1,436
177	410	186	1,158	145	389	77,348

STATEMENT

Detailed Operating Reports of Electrical Departments of

THUNDER BAY SYSTEM

Municipality Population	Fort William 24,843	Nipigon Twp.	Port Arthur 23,790	THUNDER BAY SYSTEM SUMMARY
EARNINGS	$ c.	$ c.	$ c.	$ c.
Domestic service	229,486.80	4,185.32	133,004.98	366,677.10
Commercial light service	95,430.77	3,799.93	82,647.64	181,878.34
Commercial power service	55,113.59	312.47	708,967.30	764,393.36
Municipal power	29,844.56	427.33	34,218.55	64,490.44
Street lighting	19,755.56	750.00	19,684.11	40,189.67
Merchandise				
Miscellaneous	1,942.64	181.20	12,407.67	14,531.51
Total earnings	431,573.92	9,656.25	990,930.25	1,432,160.42
EXPENSES				
Power purchased	291,749.63	4,587.07	866,805.38	1,163,142.08
Substation operation	7,669.24		26,830.29	34,499.53
Substation maintenance	621.74		2,042.57	2,664.31
Distribution system, operation and maintenance	7,153.95	395.03	17,330.54	24,879.52
Line transformer maintenance	299.23	43.08	1,459.34	1,801.65
Meter maintenance	7,889.73	46.00	8,233.37	16,169.10
Consumers' premises expenses	1,733.35			1,733.35
Street lighting, operation and maintenance	6,226.90	94.86	5,687.06	12,008.82
Promotion of business	47.00	240.00	1,996.40	2,283.40
Billing and collecting	12,873.86		13,438.49	26,312.35
General office, salaries and expenses	13,484.91	944.98	14,145.95	28,575.84
Undistributed expenses	4,545.56	50.22	21,715.52	26,311.30
Truck operation and maintenance	3,138.46		2,377.26	5,515.72
Interest	14,049.07	181.27	1,343.87	15,574.21
Sinking fund and principal payments on debentures	5,254.84	690.58	1,145.58	7,091.00
Depreciation	19,364.00	707.00	30,776.42	50,847.42
Other reserves	1,000.00		3,500.00	4,500.00
Total operating costs and fixed charges	397,101.47	7,980.09	1,018,828.04	1,423,909.60
Net surplus	34,472.45	1,676.16		8,250.82
Net loss			27,897.79	
NUMBER OF CONSUMERS				
Domestic service	6,701	220	5,474	12,395
Commercial light service	1,054	54	854	1,962
Power service	125	4	112	241
Total	7,880	278	6,440	14,598

"B"—Concluded

Hydro Municipalities for Year Ended December 31, 1941

NORTHERN ONTARIO DISTRICTS

Capreol 1,660	North Bay 16,013	Sioux Lookout 1,967	Sudbury 31,875	NORTHERN ONTARIO DISTRICTS SUMMARY	ALL SYSTEMS GRAND SUMMARY
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
9,227.32	105,109.01	16,398.92	231,282.37	362,017.62	14,287,828.19
3,687.25	69,292.34	12,605.02	143,113.80	228,698.41	7,885,693.81
....	39,815.26	1,365.84	43,392.53	84,573.63	14,591,053.03
721.78	7,849.52	....	9,697.25	18,268.55	1,832,379.38
1,260.00	10,490.91	2,055.40	26,115.13	39,921.44	1,880,560.01
....	902.98	....	....	902.98	58,695.51
....	2,189.01	27.31	3,108.26	5,324.58	526,771.53
14,896.35	235,649.03	32,452.49	456,709.34	739,707.21	41,062,981.46
7,179.78	123,610.25	25,978.30	251,454.50	408,222.83	26,017,260.84
....	944.20	....	7,893.98	8,838.18	552,820.54
....	....	....	....	....	316,677.27
1,747.57	5,542.89	761.87	20,485.74	28,538.07	993,886.44
19.27	616.54	101.99	599.13	1,336.93	114,304.18
163.72	3,457.75	166.86	6,625.97	10,414.30	409,252.72
2.58	320.65	272.00	1,170.16	1,765.39	604,642.97
610.31	1,574.00	170.96	7,267.41	9,622.68	379,905.55
....	562.22	....	239.08	801.30	262,910.03
1,218.07	8,578.15	2,327.08	20,650.91	32,774.21	1,074,173.90
1,200.17	12,338.44	688.62	18,112.31	32,339.54	1,053,367.83
69.34	3,346.95	73.10	6,346.54	9,835.93	480,317.80
....	733.19	286.57	4,113.03	5,132.79	93,032.89
....	8,522.50	....	6,316.75	14,839.25	1,027,985.34
....	8,500.00	....	9,253.06	17,753.06	2,248,937.42
850.00	15,435.00	416.00	18,977.00	35,678.00	2,727,738.01
....	1,499.66	....	16,506.41	18,006.07	205,992.98
13,060.81	195,582.39	31,243.35	396,011.98	635,898.53	38,563,206.71
1,835.54	40,066.64	1,209.14	60,697.36	103,808.68	2,499,774.75
....	....	....	....	....	....
337	3,354	499	7,711	11,901	540,499
50	665	101	1,051	1,867	78,796
1	84	1	102	188	13,602
388	4,103	601	8,864	13,956	632,897

STATEMENT "C"

Street Lighting Installation in Hydro Municipalities, December 31, 1941; showing Rate per Lamp, Cost to Municipality in 1941, and Cost per Capita.

Municipality	Population	Number of lamps	Size and style of lamps	Interim rate per lamp per annum	Cost to municipality in 1941	Cost per capita
				$ c.	$ c.	$ c.
Acton..........	1,903	137	80 c.p. *s*	9.00	2,024.31	1.06
		5	80 c.p. *s*	12.00		
		2	250 c.p. *s*	18.00		
		8	60 watt *m*	4.00		
		62	100 watt *m*	9.00		
		1	150 watt *m*	12.00		
		1	200 watt *m*	18.50		
		4	300 watt *m*	20.00		
Agincourt......	....	64	100 watt *m*	12.00	756.00	**
Ailsa Craig.....	487	66	100 watt *m*	10.00	696.00	1.43
		2	200 watt *m*	18.00		
Alexandria......	1,976	138	100 watt *m*	14.00	1,950.00	0.99
		1	200 watt *m*	24.00		
Alliston........	1,715	102	150 c.p. *s*	17.50	1,995.00	1.16
		12	100 watt *m*	17.50		
Alvinston.......	693	82	100 watt *m*	15.00	1,580.00	2.28
		6	300 watt *m*	40.00		
		2	500 watt *m*	55.00		
Amherstburg....	2,704	72	100 watt *m*	15.00	2,315.88	††
		41	200 watt *m*	20.00		
		16	300 watt *m*	26.00		
Ancaster Twp...	....	35	100 watt *m*	11.50	1,085.05	**
		49	150 watt *m*	14.00		
Apple Hill......	....	33	100 watt *m*	14.50	478.50	**
Arkona........	403	48	100 watt *m*	20.00	1,072.00	2.66
		4	150 watt *m*	28.00		
Arnprior.......	4,019	179	100 watt *m*	18.00	3,492.00	0.87
		10	300 watt *m*	27.00		
Arthur.........	1,089	90	100 watt *m*	15.50	1,395.00	1.28
Athens.........	626	40	100 watt *m*	14.00	1,204.00	1.92
		23	200 watt *m*	28.00		
Aylmer.........	1,985	192	100 watt *m*	10.00	2,788.00	1.40
		23	500 watt *m*	36.00		
		1	Traffic signal *m*	40.00		
Ayr............	748	84	100 watt *m*	10.00	1,192.00	1.59
		16	300 watt *m*	22.00		

NOTE: The "Cost to municipality in 1941" represents the charges billed to the municipality by the utility for street lighting service in the calendar year. This total charge differs in some cases from the total computed for the installation at the rates shown, for the following reasons:—FIRST: Certain equipment may have been in service for less than twelve months. Second: More equipment than shown for December 31 may have been in service earlier in the year.

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1941; showing Rate per Lamp, Cost to Municipality in 1941, and Cost per Capita.

Municipality	Population	Number of lamps	Size and style of lamps	Interim rate per lamp per annum	Cost to municipality in 1941	Cost per capita
				$ c.	$ c.	$ c.
Baden		82	100 watt *m*	9.00	738.00	**
Barrie	10,095	484	150 c.p. *s*	9.00	6,216.50	0.62
		14	100 watt *m*	17.00		
		48	200 watt *m*	22.00		
		13	200 watt *m*	15.00		
		2	200 watt (Dock 6 mos.) *m*	12.00		
		13	300 watt *m*	25.00		
		1	500 watt *m*	30.00		
Bath	325	21	100 watt *m*	20.00	420.00	1.29
Beechville		47	100 watt *m*	11.00	517.00	**
Beamsville	1,227	5	60 watt *m*	8.00	2,033.77	1.70
		91	100 watt *m*	12.00		
		53	200 watt *m*	18.00		
Beaverton	925	111	100 watt *m*	10.00	1,322.49	1.43
		11	100 watt (6 mos.) *m*	7.00		
		6	500 watt *m*	25.00		
Beeton	583	65	150 c.p. *s*	16.00	1,264.00	2.17
		14	100 watt *m*	16.00		
Belle River	836	90	100 watt *m*	12.00	1,034.00	1.24
Belleville	14,876	26	100 c.p. *s*	9.50	10,968.86	0.74
		548	100 c.p. *s*	7.00		
		25	250 c.p. *s*	15.00		
		1	400 c.p. *s*	15.00		
		52	1,000 c.p. *s*	30.00		
		3	200 watt *m*	15.00		
		16	200 watt *m*	12.50		
		24	250 watt *m*	14.50		
		221	300 watt *m*	20.00		
Blenheim	1,873	167	150 c.p. *s*	12.00	2,627.00	1.40
		5	400 c.p. *s*	28.00		
		12	600 c.p. *s*	37.00		
		1	500 watt *m*	33.00		
		1	Traffic light *m*	16.00		
Bloomfield	636	65	100 watt *m*	11.00	715.00	1.12
Blyth	662	90	100 watt *m*	13.00	1,580.00	2.39
		20	200 watt *m*	20.50		
Bolton	629	48	100 watt *m*	12.00	1,070.52	1.70
		23	200 watt *m*	21.50		
Bothwell	633	70	100 watt *m*	10.00	1,225.02	1.79
		21	300 watt *m*	25.00		
Bowmanville	3,850	184	100 c.p. *s*	10.00	3,902.28	1.01
		19	300 watt *m*	30.00		
		28	500 watt *m*	53.00		

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1941; showing Rate per Lamp, Cost to Municipality in 1941, and Cost per Capita.

Municipality	Population	Number of lamps	Size and style of lamps	Interim rate per lamp per annum	Cost to municipality in 1941	Cost per capita
				$ c.	$ c.	$ c.
Bradford	1,041	60	150 c.p. *s*	16.00	1,072.00	1.03
		7	100 watt *m*	16.00		
Brampton	5,702	589	100 watt *m*	8.00	6,623.18	1.16
		2	300 watt *m*	28.00		
		1	500 watt *m*	35.00		
		46	500 watt *m*	37.50		
		13	Fire alarm lights *m*	6.50		
Brantford	30,947	149	1,500 c.p. *s*	45.00	33,729.56	††
		3,477	100 watt *m*	7.50		
		8	250 watt *m*	10.00		
		2	300 watt *m*	16.00		
		18	750 watt *m*	37.00		
		4	750 watt *m*	46.00		
Brantford Twp.	....	405	100 watt *m*	10.00	3,996.25	**
Brechin	........‡	34	100 watt *m*	14.00	476.00	**
Bridgeport	....	60	100 watt *m*	13.00	876.00	**
		12	100 watt (bridge) *m*	8.00		
Brigden	....	46	60 watt *m*	11.00	841.99	**
		9	100 watt *m*	14.00		
		12	200 watt *m*	20.00		
Brighton	1,462	127	100 c.p. *s*	14.00	2,028.12	1.40
		10	300 watt *m*	25.00		
Brockville	9,996	660	100 c.p. *s*	10.00	8,991.50	0.90
		10	100 watt *m*	19.00		
		35	3 Lt. stands *m*	21.00		
		51	5 Lt. stands *m*	24.00		
		13	300 watt *m*	20.00		
Brussels	784	81	100 watt *m*	12.00	1,296.00	1.65
		18	200 watt *m*	18.00		
Burford	....	67	100 watt *m*	10.00	670.08	**
Burgessville	....	24	100 watt *m*	13.00	312.00	**
Caledonia	1,425	153	100 watt *m*	9.00	1,944.96	1.36
		9	100 watt (twp.) *m*	13.00		
		20	100 watt (bridge) *m*	9.50		
		2	200 watt *m*	14.00		
		10	300 watt *m*	22.50		
		1	500 watt *m*	32.00		
Campbellville	....	20	100 watt *m*	20.00	400.00	**
Cannington	753	65	100 watt *m*	15.00	1,155.48	1.53
		1	200 watt *m*	18.50		
		3	300 watt *m*	22.00		
		3	500 watt *m*	32.00		

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‡Includes Mara and Thorah townships.

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1941; showing Rate per Lamp, Cost to Municipality in 1941, and Cost per Capita.

Municipality	Population	Number of lamps	Size and style of lamps		Interim rate per lamp per annum	Cost to municipality in 1941	Cost per capita
					$ c.	$ c.	$ c.
Capreol	1,660	90	100 watt	*m*	14.00	1,260.00	0.76
Cardinal	1,602	52	100 watt	*m*	15.00	992.00	0.62
		12	200 watt	*m*	21.00		
Carleton Place	4,143	85	60 watt	*m*	13.00	4,885.25	1.18
		102	200 watt	*m*	20.00		
		70	300 watt	*m*	25.00		
Cayuga	700	94	100 watt	*m*	16.00	1,491.99	2.13
		1	150 watt (traffic)	*m*	20.00		
Chatham	17,148	752	150 c.p.	*s*	13.00	19,888.51	††
		19	250 c.p.	*s*	16.00		
		51	600 c.p.	*s*	31.00		
		37	150 c.p. orn.	*s*	12.00		
		75	600 c.p. orn.	*s*	30.00		
		139	1,000 c.p. orn.	*s*	38.00		
Chatsworth	333	41	100 watt	*m*	13.00	533.00	1.60
Chesley	1,812	126	150 c.p.	*s*	11.00	1,386.00	0.76
Chesterville	1,094	87	100 watt	*m*	13.00	1,131.00	1.03
Chippawa	1,228	89	100 watt	*m*	13.00	1,833.13	1.49
		28	200 watt	*m*	25.00		
Clifford	491	64	100 watt	*m*	13.00	1,032.00	2.10
		10	200 watt	*m*	20.00		
Clinton	1,879	152	150 c.p.	*s*	11.00	2,766.22	1.47
		8	100 watt	*m*	11.00		
		29	300 watt	*m*	31.00		
		1	500 watt	*m*	55.00		
Cobden	643	38	100 watt	*m*	12.50	703.00	1.09
		12	150 watt	*m*	19.00		
Cobourg	5,062	203	80 c.p.	*s*	10.00	5,928.42	1.17
		197	100 watt	*m*	10.00		
		2	250 watt	*m*	23.00		
		11	300 watt	*m*	30.00		
		30	500 watt	*m*	47.50		
Colborne	960	122	60 c.p.	*s*	12.00	1,524.00	1.59
		5	100 watt	*m*	12.00		
Coldwater	606	50	100 watt	*m*	11.00	873.00	1.44
		19	200 watt	*m*	17.00		
Collingwood	5,636	425	150 c.p.	*s*	9.00	3,819.75	0.68
Comber	....	50	100 watt	*m*	12.00	726.00	**
		7	200 watt	*m*	18.00		
Cookstown	....	57	150 c.p.	*s*	15.00	855.00	**
Cottam	....	32	100 watt	*m*	15.00	480.00	**

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STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1941; showing Rate per Lamp, Cost to Municipality in 1941, and Cost per Capita.

Municipality	Population	Number of lamps	Size and style of lamps		Interim rate per lamp per annum	Cost to municipality in 1941	Cost per capita
					$ c.	$ c.	$ c.
Courtright	344	43	100 watt	*m*	15.00	645.00	1.88
Creemore	661	63	100 watt	*m*	12.00	756.00	1.14
Dashwood	....	44	100 watt	*m*	11.00	484.02	**
Delaware	....	23	100 watt	*m*	12.00	276.00	**
Delhi	2,430	175	100 watt	*m*	12.00	2,447.64	1.01
		1	200 watt	*m*	17.50		
		17	200 watt	*m*	25.00		
		1	150 watt (caution light)	*m*	17.50		
Deseronto	1,002	138	100 c.p.	*s*	12.00	1,649.00	1.65
Dorchester	....	74	100 watt	*m*	10.00	740.00	**
Drayton	521	80	100 watt	*m*	12.00	960.00	1.84
Dresden	1,525	120	100 c.p.	*s*	13.00	2,219.28	1.46
		8	400 c.p.	*s*	21.50		
		12	400 c.p.	*s*	23.00		
		15	50 watt (arch)	*m*	4.56		
		12	100 watt (bridge)	*m*	12.00		
Drumbo	....	41	100 watt	*m*	13.00	533.00	**
Dublin	....	50	100 watt	*m*	11.00	550.00	**
Dundalk	686	82	100 watt	*m*	13.00	1,066.00	1.55
Dundas	5,001	289	100 watt	*m*	12.00	5,664.00	††
		20	100 watt (Memorial Square)	*m*	Free		
		12	200 watt	*m*	16.00		
		6	200 watt	*m*	26.00		
		54	200 watt	*m*	32.00		
		5	300 watt	*m*	24.00		
Dunnville	3,916	148	150 c.p.	*s*	10.50	3,669.09	0.94
		27	600 c.p.	*s*	31.50		
		128	100 watt	*m*	10.00		
		1	150 watt	*m*	12.00		
Durham	1,874	106	150 c.p.	*s*	14.00	1,622.00	0.87
		6	400 c.p.	*s*	22.00		
Dutton	784	116	100 watt	*m*	9.00	1,037.94	1.32
East York Twp.	....	1,300	100 watt	*m*	13.00	22,945.00	**
		21	200 watt	*m*	19.50		
		261	300 watt	*m*	26.00		
Elmira	2,068	191	100 watt	*m*	9.00	2,041.00	0.99
		9	200 watt	*m*	12.00		
		2	200 watt	*m*	23.00		
		4	400 watt	*m*	36.50		
		1	500 watt	*m*	28.00		

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1941; showing Rate per Lamp, Cost to Municipality in 1941, and Cost per Capita.

Municipality	Population	Number of lamps	Size and style of lamps	Interim rate per lamp per annum	Cost to municipality in 1941	Cost per capita
				$ c.	$ c.	$ c.
Elmvale..........	....	58	100 watt *m*	12.00	696.00	**
Elmwood..........	....	25	150 watt *m*	16.00	396.05	**
Elora..........	1,185	28	200 watt *m*	16.00	1,353.68	1.14
		82	100 watt *m*	11.00		
Embro..........	460	53	100 watt *m*	12.00	636.00	1.38
Erieau..........	281	28	100 watt *m*	18.00	504.00	1.79
Essex..........	1,886	138	60 watt *m*	7.50	2,348.17	††
		16	100 watt *m*	10.00		
		5	200 watt *m*	14.00		
		51	300 watt orn. *m*	18.00		
		1	500 watt orn. *m*	28.00		
		6	Empty sockets *m*	4.50		
		10	Empty sockets orn *m*	1.50		
			Decorative lights *m*	75c per 100 watt per month		
Etobicoke Twp..	....	2	25 watt *m*	12.50 per 100 watt	13,955.49	**
		1,059	100 watt *m*	12.50		
		22	100 watt *m*	17.00		
		8	200 watt *m*	14.50		
		9	300 watt *m*	29.00		
		4	500 watt *m*	36.00		
Exeter..........	1,654	175	100 watt *m*	9.50	2,790.89	1.69
		4	200 watt *m*	20.00		
		32	300 watt *m*	33.00		
		3	100 watt (Park) *m*	8.50		
Fergus..........	2,759	145	100 watt *m*	11.00	2,490.00	0.90
		20	150 watt *m*	14.50		
		22	300 watt orn. *m*	27.50		
		4	Traffic lights *m*	18.00		
Finch..........	396	39	100 watt *m*	13.00	507.00	1.28
Flesherton......	452	54	100 watt *m*	11.00	620.00	1.37
		1	300 watt *m*	26.00		
Fonthill........	860	72	100 watt *m*	14.00	1,358.00	1.58
		14	300 watt *m*	25.00		
Forest..........	1,562	109	60 watt *m*	7.00	2,456.21	1.57
		150	100 watt *m*	11.00		
			(Station platform) *m*	51.00		

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1941; showing Rate per Lamp, Cost to Municipality in 1941, and Cost per Capita.

Municipality	Population	Number of lamps	Size and style of lamps	Interim rate per lamp per annum	Cost to municipality in 1941	Cost per capita
				$ c.	$ c.	$ c.
Forest Hill	12,172	612	100 watt *m*	12.00	8,533.55	0.70
		1	200 watt *m*	19.00		
		3	300 watt *m*	27.00		
		28	300 watt *m*	38.00		
		5	400 watt *m*	61.00		
		3	Traffic lights *m*	25.80		
Fort William	24,843	387	100 c.p. *s*	8.00	19,755.56	0.80
		58	400 c.p. *s*	18.00		
		77	600 c.p. *s*	28.00		
		244	1,000 c.p. *s*	38.00		
		26	25 watt *m*	2.70		
		188	100 watt *m*	8.00		
		115	300 watt *m*	23.00		
Galt	14,584	989	100 c.p. *s*	9.00	15,346.50	1.05
		294	100 watt *m*	6.50		
		100	100 watt *m*	8.00		
		22	100 watt *m*	16.00		
		18	150 watt *m*	8.50		
		130	150 watt *m*	9.00		
		4	300 watt *m*	16.50		
		80	300 watt *m*	17.00		
		12	300 watt *m*	26.00		
Georgetown‡	2,452	165	100 watt *m*	11.00	2,900.00	......
		1	300 watt *m* (floodlight)	19.00		
		5	300 watt *m*	30.00		
		16	500 watt *m*	38.50		
Glencoe	827	106	100 watt *m*	14.00	2,006.80	2.43
		9	200 watt *m*	20.00		
		14	300 watt *m*	30.50		
Goderich	4,674	327	100 c.p. *s*	9.00	4,508.00	0.96
		8	100 watt *m*	15.00		
		4	250 watt *m*	18.00		
		7	400 watt *m*	35.00		
		8	500 watt *m*	37.00		
		16	600 watt *m*	52.00		
Grand Valley	645	42	100 watt *m*	12.00	920.00	1.43
		13	300 watt *m*	32.00		
Granton	....	37	100 watt *m*	10.00	370.23	**
Gravenhurst	2,261	134	150 c.p. *s*	10.00	2,118.32	0.94
		4	50 watt *m*	7.50		
		20	100 watt *m*	10.00		
		12	100 watt (6 mos.) *m*	6.00		
		16	300 watt *m*	30.00		
Guelph	22,500	18	50-60 watt *m*	4.00	19,451.44	0.86
		1,400	100 watt *m*	10.00		
		192	200 watt *m*	12.50		
		44	300 watt *m*	18.75		
		12	500 watt *m*	25.00		
		40	500 watt *m*	34.00		
		13	1,000 watt *m*	46.50		

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

‡Includes Glen Williams.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1941; showing Rate per Lamp, Cost to Municipality in 1941, and Cost per Capita.

Municipality	Population	Number of lamps	Size and style of lamps	Interim rate per lamp per annum	Cost to municipality in 1941	Cost per capita
				$ c.	$ c.	$ c.
Hagersville	1,369	115	100 watt *m*	14.00	2,170.00	1.59
		20	300 watt *m*	22.00		
		2	1,000 watt *m*	60.00		
Hamilton	155,511	6	40 watt *m*	4.50	124,507.78	0.80
		102	50 watt *m*	6.00-7.00		
		12	60 watt *m*	8.00		
		8,322	100 watt *m*	7.00-11.00		
		1,383	200 watt *m*	11.00-13.00		
		114	300 watt *m*	18.00-34.00		
		1,090	500 watt *m*	32.00-37.00		
		65	750 watt *m*	55.00		
		2	1,000 watt *m*	70.00		
		2	1,200 watt *m*	70.00		
		10	500 watt (stands) *m*	40.00		
			840 watt (special) *m*	72.00		
			1,280 watt (special) *m*	131.00		
		3	Danger signals *m*	28.00		
Hanover	3,190	94	150 c.p. *s*	17.00	2,397.54	0.75
		16	250 c.p. *s*	22.00		
		4	100 watt *m*	17.00		
		13	200 watt *m*	22.00		
Harriston	1,292	79	150 c.p. *s*	12.00	1,606.50	1.24
		4	100 watt *m*	12.00		
		13	150 watt *m*	13.50		
		29	200 watt *m*	15.00		
Harrow	1,092	3	100 watt *m*	12.00	1,455.00	1.33
		86	200 watt *m*	16.50		
Hastings	823	66	100 watt *m*	16.00	1,300.10	1.58
		8	200 watt *m*	20.00		
			Decorative lights *m*	92.00		
Havelock	1,103	64	100 c.p. *s*	15.00	1,560.00	1.41
		25	250 c.p. *s*	24.00		
Hensall	686	84	100 watt *m*	12.00	1,008.00	1.47
Hespeler	3,037	93	150 c.p. *s*	12.50	3,200.50	1.05
		19	250 c.p. *s*	14.00		
		15	400 c p (stands) *s*	26.00		
		51	150 watt *m*	13.00		
		11	250 watt *m*	17.50		
		10	300 watt *m*	19.00		
		6	300 watt (stands) *m*	26.00		
		7	300 watt (Park) *m*	27.00		
Highgate	324	40	100 watt *m*	11.00	567.00	1.75
		6	200 watt *m*	17.00		
		1	300 watt *m*	25.00		
Holstein	....	15	100 watt *m*	23.00	345.00	**
Humberstone	2,381	109	100 watt *m*	12.50	1,663.12	0.70
		18	200 watt *m*	17.50		

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1941; showing Rate per Lamp, Cost to Municipality in 1941, and Cost per Capita.

Municipality	Population	Number of lamps	Size and style of lamps	Interim rate per lamp per annum	Cost to municipality in 1941	Cost per capita
				$ c.	$ c.	$ c.
Huntsville......	2,943	69	150 c.p *s*	16.00	2,792.00	0.95
		1	250 c.p. *s*	20.00		
		45	75 watt *m*	10.00		
		11	100 watt *m*	12.00		
		6	200 watt *m*	16.00		
		3	300 watt *m*	20.00		
		31	500 watt *m*	30.00		
Ingersoll........	5,756	13	100 c.p (6 mos.) *s*	5.50	4,841.52	††
		336	100 c.p. *s*	10.00		
		2	600 c.p *s*	28.00		
		2	1,000 c.p. (church) *s*	25.00		
		26	1,000 c.p. *s*	35.00		
		12	300 watt *m*	30.00		
Iroquois........	1,123	56	150 c.p. *s*	10.00	927.00	0.83
		11	400 c.p. *s*	17.00		
		20	100 watt *m*	9.00		
Jarvis..........	536	78	100 watt *m*	11.00	858.00	1.60
Kemptville.....	1,230	78	100 watt *m*	18.00	1,786.00	1.45
		17	150 watt *m*	21.00		
		1	250 watt *m*	25.00		
Kincardine.....	2,483	168	150 c.p. *s*	18.00	4,370.00	1.76
		30	100 watt *m*	13.00		
		42	200 watt *m*	23.00		
		1	1,000 watt *m*	80.00		
Kingston.......	26,741	105	100 c.p. *s*	12.00	21,219.34	0.80
		1	250 c p. *s*	25.00		
		2	400 c.p. *s*	30.00		
		275	600 c.p. *s*	35.00		
		258	600 c.p orn. *s*	40.00		
Kingsville......	2,453	112	150 c.p. *s*	10.50	2,884.44	††
		25	250 c.p. *s*	15.00		
		127	100 watt *m*	10.50		
Kirkfield........	....	24	100 watt *m*	18.00	432.00	**
Kitchener.......	33,281	47	16 c.p. *s*	7.00	32,239.06	††
		2,089	80 c.p. *s*	8.00		
		167	250 c.p. *s*	13.00		
		26	1,000 c.p. *s*	25.00		
		248	100 watt *m*	9.00		
		467	200 watt *m*	14.00		
		58	300 watt *m*	17.50		
		109	500 watt *m*	25.00		
Lakefield.......	1,301	114	100 watt *m*	15.00	1,710.00	1.31
Lambeth.......	....	13	100 watt *m*	11.00	763.00	**
		20	300 watt *m*	31.00		
Lanark.........	686	44	100 watt *m*	13.00	572.00	0.83
Lancaster......	570	40	100 watt *m*	12.00	480.00	0.84

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STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1941; showing Rate per Lamp, Cost to Municipality in 1941, and Cost per Capita.

Municipality	Population	Number of lamps	Size and style of lamps	Interim rate per lamp per annum	Cost to municipality in 1941	Cost per capita
				$ c.	$ c.	$ c.
La Salle........	907	67	100 watt *m*	12.00	804.00	0.89
Leamington.....	6,048	168	250 c.p. *s*	15.00	5,699.89	††
		8	600 c.p. *s*	25.00		
		187	100 watt *m*	13.00		
		27	200 watt *m*	17.00		
		11	300 watt *m*	21.00		
		4	500 watt *m*	35.00		
Lindsay........	7,241	428	100 c.p. *s*	11.00	6,309.69	0.87
		27	1,000 c.p. *s*	60.00		
Listowel........	2,984	317	100 watt *m*	10.00	4,505.04	††
		10	200 watt *m*	25.00		
		33	500 watt *m*	35.00		
London........	75,176	1,481	150 c.p. *s*	10.00–11.00	56,265.62	††
		334	400 c.p. *s*	18.00–24.00		
		188	600 c.p. *s*	28.00–30.00		
		2	50 watt *m*	5.00		
		662	100 watt *m*	10.00–14.00		
		4	150 watt *m*	12.00		
		12	200 watt *m*	9.34		
		66	200 watt *m*	14.00		
		688	300 watt *m*	18.00		
		190	500 watt *m*	35.00–40.00		
		1	750 watt *m*	50.00		
London Twp....	....	66	100 watt *m*	12.00	1,454.40	**
		6	100 watt *m*	21.50		
		2	200 watt *m*	16.50		
		10	300 watt *m*	30.00		
		1	300 watt *m*	31.00		
Long Branch....	5,147	204	100 watt *m*	12.00	4,266.48	0.83
		117	200 watt *m*	16.50		
Lucan..........	643	55	100 watt *m*	14.00	1,467.68	2.28
		21	300 watt *m*	33.00		
Lucknow........	977	69	100 watt *m*	15.00	1,485.00	1.52
		18	200 watt *m*	25.00		
Lynden........	....	44	100 watt *m*	10.00	440.00	**
Madoc..........	1,130	340	25 watt *m*	3.00	1,395.95	1.24
		69	100 watt *m*	5.00		
			Decorative lights *m*	30.95		
Markdale......	776	61	100 c.p. *s*	9.00	1,001.00	1.29
		20	250 c.p. *s*	15.00		
		4	100 watt *m*	10.00		
		7	250 watt *m*	15.00		
Markham......	1,197	112	100 watt *m*	11.00	1,698.00	1.42
		10	200 watt *m*	16.00		
		12	300 watt *m*	25.50		
Marmora.......	1,004	44	75 watt *m*	13.00	1,298.00	1.29
		24	100 watt *m*	16.00		
		19	150 watt *m*	18.00		

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STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1941; showing Rate per Lamp, Cost to Municipality in 1941, and Cost per Capita.

Municipality	Population	Number of lamps	Size and style of lamps	Interim rate per lamp per annum	Cost to municipality in 1941	Cost per capita
				$ c.	$ c.	$ c.
Martintown	....	16	100 watt *m*	11.00	176.00	**
Maxville	811	68	150 watt *m*	17.00	1,157.53	1.43
Meaford	2,759	193	150 c.p. *s*	12.00	3,329.37	1.21
		28	100 watt *m*	12.00		
		30	200 watt *m*	20.00		
		4	500 watt *m*	40.00		
Merlin	....	35	100 watt *m*	15.00	795.36	**
		12	200 watt *m*	21.00		
			Decorative lights	51c per 100 watts per month		
Merritton	2,916	310	100 watt *m*	9.00	3,331.52	1.14
		26	200 watt *m*	21.00		
Midland	6,627	328	150 c.p. *s*	11.00	6,376.00	0.96
		52	100 watt *m*	11.00		
		30	300 watt *m*	22.00		
		8‡	300 watt (6 mos.) *m*	12.00		
		36	500 watt *m*	40.00		
Mildmay	764	47	100 watt *m*	10.00	660.00	0.86
		11	150 watt *m*	16.00		
Millbrook	749	35	60 watt *m*	12.00	783.20	1.05
		20	100 watt *m*	14.00		
		3	300 watt *m*	25.00		
Milton	1,915	144	100 watt *m*	9.50	2,141.96	1.12
		25	300 watt *m*	30.00		
Milverton	994	99	100 watt *m*	9.00	1,035.00	1.04
		12	200 watt *m*	12.00		
Mimico	7,194	311	100 watt *m*	12.00	8,337.44	1.16
		72	200 watt *m*	20.00		
		122	300 watt *m*	26.00		
Mitchell	1,670	197	150 c.p. *s*	9.00	2,590.25	1.55
		5	250 c.p. *s*	12.00		
		29	300 watt *m*	29.00		
		2	300 watt *m*	22.50		
Moorefield	....	25	100 watt *m*	13.00	350.00	**
Morrisburg	1,484	226	100 watt *m*	11.00	2,523.15	1.70
		64	25 watt (6 mos.) *m*	39c per 100 watts per month		
Mount Brydges	....	47	100 watt *m*	10.00	844.00	**
		1	200 watt *m*	17.00		
		17	200 watt orn. *m*	21.00		
Mount Forest	1,936	163	100 watt *m*	10.00	2,275.92	1.18
		37	150 watt *m*	13.00		
		3	200 watt *m*	15.00		
		6	300 watt *m*	20.00		

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

‡Dock lights owned by Dominion Government.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1941; showing Rate per Lamp, Cost to Municipality in 1941, and Cost per Capita.

Municipality	Population	Number of lamps	Size and style of lamps	Interim rate per lamp per annum	Cost to municipality in 1941	Cost per capita
				$ c.	$ c.	$ c.
Napanee.......	3,241	165	100 watt *m*	11.00	3,961.22	1.16
		2	250 watt *m*	28.00		
		2	250 watt *m*	30.00		
		5	300 watt *m*	27.00		
		40	300 watt *m*	30.00		
		21	400 watt *m*	36.00		
Neustadt.......	431	39	150 c.p. *s*	18.00	702.00	1.63
Newbury.......	280	48	100 watt *m*	15.00	720.00	2.57
Newcastle......	701	55	60 watt *m*	11.00	614.68	0.88
		2	100 watt *m*	14.00		
New Hamburg..	1,441	165	100 watt *m*	9.00	2,217.00	1.54
		61	200 watt *m*	12.00		
New Toronto...	7,514	75	75 watt *m*	13.00	7,767.44	1.03
		11	150 watt *m*	15.50		
		13	200 watt *m*	17.00		
		280	300 watt *m*	21.00–24.00		
		3	1,000 watt *m*	53.00		
Niagara Falls...	18,770	844	100 c.p. *s*	11.00	26,935.73	1.43
		13	250 c.p. *s*	13.00		
		66	600 c.p. *s*	18.00		
		211	600 c.p. *s*	37.00		
		196	1,000 c.p. *s*	42.00		
		1	100 watt *m*	11.00		
Niagara-on-the-Lake.....	1,764	217	100 watt *m*	11.00	3,669.26	2.08
		8	200 watt *m*	18.00		
		59	300 watt *m*	20.00		
Nipigon Twp....	....	33	100 watt *m*	11.00	750.00	**
		17	200 watt *m*	21.00		
North Bay.....	16,013	552	100 c.p. *s*	12.00	10,490.91	0.65
		59	250 c.p *s*	24.00		
		52	750 c.p. *s*	50.00		
North York.....	....	185	100 watt *m*	12.00–18.00	4,137.31	**
		66	200 watt *m*	19.00–23.00		
		1	400 watt (floodlight) *m*	31.00		
		1	500 watt *m*	25.80		
		2	1,000 watt (floodlight) *m*	65.00		
		1	Safety light *m*	30.00		
Norwich........	1,301	124	100 watt *m*	10.00	2,211.65	1.70
		28	400 watt *m*	35.00		
Norwood.......	710	77	100 c.p. *s*	18.00	1,596.00	2.25
		10	250 c.p. *s*	21.00		
Oil Springs.....	541	41	100 watt *m*	15.00	642.58	1.19
		1	300 watt *m*	31.00		

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STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1941; showing Rate per Lamp, Cost to Municipality in 1941, and Cost per Capita.

Municipality	Population	Number of lamps	Size and style of lamps	Interim rate per lamp per annum	Cost to municipality in 1941	Cost per capita
				$ c.	$ c.	$ c.
Omemee	630	54	100 c.p. *s*	14.00	1,075.26	1.71
		4	100 watt *m*	12.50		
		10	250 watt *m*	28.00		
Orangeville	2,558	100	150 c.p. *s*	10.00	2,689.68	1.05
		51	250 c.p. *s*	16.00		
		38	300 watt *m*	23.00		
Orono	....	51	100 watt *m*	15.00	768.28	**
			Decorative lights *m*	47c per 100 watts per month		
Oshawa	25,035	868	100 c.p. *s*	11.00	12.194.82	0.49
		54	100 watt *m*	12.00		
		112	150 watt *m*	13.00		
		30	200 watt *m*	18.00		
		1	500 watt *m*	27.00		
Ottawa	150,277	337	100 c.p. *s*	7.00	81,260.08	0.54
		891	400 c.p. *s*	25.00		
		914	600 c.p. *s*	35.00		
		59	Arc lamps *s*	45.00		
		779	100 watt *m*	6.00		
		44	500 watt *m*	35.00		
		2,795	100 watt (Whiteway) *m*	48c per foot		
		30	100 watt *m*	5½c. per foot		
Otterville	....	63	100 watt *m*	11.00	896.28	**
		13	200 watt *m*	16.00		
Owen Sound	13,599	454	100 c.p. *s*	11.00	11,855.09	0.87
		347	250 c.p. *s*	14.00		
		16	400 c.p. *s*	21.00		
		47	500 c.p. *s*	35.00		
Paisley	730	91	100 watt *m*	13.00	1,183.00	1.62
Palmerston	1,400	66	80 c.p. *s*	9.00	2,628.00	1.88
		1	400 c.p. *s*	25.00		
		11	60 watt *m*	9.00		
		25	100 watt *m*	10.00		
		9	150 watt *m*	10.00		
		4	250 watt *m*	25.00		
		19	300 watt *m*	25.00		
		32	300 watt (stands) *m*	30.00		
		1	500 watt *m*	35.00		
Paris	4,427	479	100 c.p. *s*	8.50	5,555.50	1.25
		2	60 watt *m*	7.00		
		10	400 watt *m*	28.00		
		34	500 watt *m*	35.00		
Parkhill	1,029	89	100 watt *m*	14.00	1,592.38	1.55
		15	200 watt *m*	23.00		
Penetanguishene	4,177	193	150 c.p. *s*	11.00	2,302.00	0.55
		4	100 watt *m*	11.00		
		1	200 watt *m*	15.00		
		6	300 watt *m*	20.00		

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STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1941; showing Rate per Lamp, Cost to Municipality in 1941, and Cost per Capita.

Municipality	Population	Number of lamps	Size and style of lamps	Interim rate per lamp per annum	Cost to municipality in 1941	Cost per capita
				$ c.	$ c.	$ c.
Perth	4,197	84	100 c.p. *s*	17.00	2,855.60	0.68
		14	250 c.p. *s*	27.00		
		7	400 c.p. *s*	30.00		
		19	600 c.p. *s*	45.00		
Peterborough	24,400	122	60 watt *m*	12.00	22,451.66	0.92
		371	100 watt *m*	13.00		
		618	300 watt *m*	20.00		
		85	300 watt *m*	45.00		
Petrolia	2,768	147	150 c.p. *s*	12.00	2,820.00	1.02
		24	600 c.p. *s*	43.00		
		1	300 watt *m*	24.00		
Picton	3,400	327	100 c.p. *s*	9.00	3,956.04	1.16
		3	250 c.p. *s*	15.00		
		29	600 c.p. *s*	31.00		
			Decorative lights *s*	90.00		
Plattsville	....	34	100 watt *m*	12.00	408.00	**
Point Edward	1,175	103	150 c.p. *s*	13.00	1,802.64	1.53
		19	250 c.p. *s*	20.00		
		4	400 c.p. *s*	22.00		
Port Arthur	23,790	2,709	100 watt *m*	5.00	19,684.11	0.83
		232	300 watt *m*	10.00		
		208	500 watt *m*	15.00		
Port Colborne	6,772	15	400 c.p. *s*	25.00	8,701.43	††
		78	600 c.p. *s*	30.00		
		34	100 watt *m*	12.00		
		229	100 watt *m*	14.00		
		132	200 watt *m*	18.00		
Port Credit	1,906	289	100 watt *m*	9.50	2,834.38	1.49
		8	200 watt *m*	16.00		
Port Dalhousie	1,599	131	100 watt *m*	12.00	1,600.50	1.00
		2	200 watt *m*	15.00		
Port Dover	1,790	204	100 watt *m*	10.00	2,739.02	1.53
		14	300 watt *m*	18.00		
		32	100 watt (Summer) *m*	6.00		
		4	300 watt (Summer) *m*	10.00		
		306	25 watt (decorative) *m*	67c. per 100 watts per month		
Port Elgin	1,415	103	100 watt (3 mos.) *m*	14.00	2,732.77	1.93
		120	100 watt *m*	14.00		
		26	200 watt *m*	22.00		
Port Hope	4,997	406	100 c.p. *s*	10.00	4,180.66	0.83
		2	250 c.p. *s*	22.00		
		2	200 watt *m*	14.50		
		3	300 watt *m*	20.50		
Port McNicoll	964	66	100 watt *m*	10.00	945.00	0.98
		19	200 watt *m*	15.00		

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STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1941; showing Rate per Lamp, Cost to Municipality in 1941, and Cost per Capita.

Municipality	Population	Number of lamps	Size and style of lamps	Interim rate per lamp per annum	Cost to municipality in 1941	Cost per capita
				$ c.	$ c.	$ c.
Port Perry.....	1,175	90 12	100 watt *m* 300 watt *m*	15.00 30.00	1,690.00	1.44
Port Rowan....	700	58	100 watt *m*	14.00	863.99	1.23
Port Stanley....	824	220 8	100 watt *m* 200 watt *m*	11.00 14.00	2,521.95	3.06
Prescott........	2,930	227 80	100 watt *m* 200 watt *m*	11.50 19.00	4,120.50	1.41
Preston........	6,337	135 224 9 40 5	150 c.p. *s* 100 watt *m* 250 watt *m* 500 watt *m* 500 watt stands. *m*	11.00 11.00 20.00 32.00 35.00	5,545.41	0.88
Priceville.......	....	16	100 watt *m*	30.00	480.00	**
Princeton.......	....	39	100 watt *m*	12.00	468.00	**
Queenston......	....	25	100 watt *m*	16.00	397.35	**
Richmond......	428	26	100 watt *m*	15.00	390.00	0.91
Richmond Hill..	1,317	105 19 9	75 watt *m* 100 watt *m* 200 watt *m*	11.00 12.00 16.00	1,527.00	1.16
Ridgetown.....	1,986	181 1 91 17 2 2 20	150 c.p. *s* 1,000 c.p. *s* 100 watt *m* 200 watt *m* 200 watt orn. *m* 250 watt *m* 500 watt *m*	8.50 38.00 8.50 16.00 16.00 18.00 33.00	3,504.84	††
Ripley.........	420	28 21	100 watt *m* 200 watt *m*	17.00 30.00	1,124.00	2.68
Riverside.......	5,235	275 71 14 10	75 watt *m* 150 watt *m* 200 watt *m* 300 watt *m*	9.00 13.00 15.00 18.50	3,797.40	††
Rockwood......	....	91	100 watt *m*	9.00	815.25	**
Rodney........	736	70 23	100 watt *m* 300 watt *m*	10.00 25.00	1,275.00	1.73
Rosseau........	305	47	100 watt *m*	30.00	1,410.00	4.62
Russell.........	....	50	100 watt *m*	16.00	800.00	**

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1941; showing Rate per Lamp, Cost to Municipality in 1941, and Cost per Capita.

Municipality	Population	Number of lamps	Size and style of lamps	Interim rate per lamp per annum	Cost to municipality in 1941	Cost per capita
				$ c.	$ c.	$ c.
St. Catharines...	28,625	2,229	100 watt *m*	8.00	27,277.49	††
		156	200 watt *m*	11.00		
		5	500 watt *m*	20.00		
		10	1,000 watt *m*	40.00		
		19	100 watt orn. *m*	10.00		
		71	200 watt orn. *m*	20.00		
		106	500 watt orn. *m*	34.00		
		31	200 watt special *m*	14.00		
		17	500 watt (bridge) *m*	20.00		
		146	100 watt (rural) *m*	9.00		
		4	60 watt	5.00 per 100 watts		
St. George......	....	40	100 watt *m*	11.00	511.00	**
		3	200 watt *m*	15.00		
		1	300 watt *m*	26.00		
St. Jacobs......	....	43	100 watt *m*	10.00	430.00	**
St Marys......	4,009	240	100 c.p. *s*	10.50	4,925.25	1.23
		106	250 c.p. *s*	14.00		
		20	150 watt *m*	12.00		
		32	300 watt *m*	22.00		
St Thomas.....	16,461	1,107	100 c.p. *s*	9.00	14,961.54	††
		28	250 c.p. *s*	13.00		
		114	600 c.p. *s*	34.00		
		2	600 c.p. *s*	32.00		
		6	60 watt *m*	4.50		
		36	100 watt (5 mos.) *m*	5.00		
		2	100 watt *m*	10.00		
		22	300 watt *m*	22.00		
Sarnia.........	17,979	1,103	150 c.p. *s*	12.00	20,370.66	††
		55	250 c.p. *s*	16.50		
		74	400 c.p. *s*	22.00		
		77	600 c.p. *s*	35.00		
		14	600 c.p. *s*	45.00		
		7	100 watt *m*	12.00		
		22	150 watt *m*	16.50		
		1	200 watt *m*	18.50		
		1	250 watt *m*	20.50		
		5	250 watt *m*	22.00		
		1	1,000 watt *m*	54.00		
Scarborough Tp.	....	210	100 c.p. *s*	12.00	15,667.70	**
		4	250 c.p. *s*	17.00		
		20	40 watt *m*	12.00		
		2	60 watt *m*	18.00		
		462	100 watt *m*	11.50–17.50		
		53	200 watt *m*	15.50–21.00		
		237	300 watt *m*	24.00–26.00		
		55	Empty sockets *m*	9.00–14.50		
Seaforth........	1,782	120	100 c.p. *s*	9.50	2,039.00	1.14
		31	300 watt *m*	29.00		

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1941; showing Rate per Lamp, Cost to Municipality in 1941, and Cost per Capita.

Municipality	Population	Number of lamps	Size and style of lamps		Interim rate per lamp per annum	Cost to municipality in 1941	Cost per capita
					$ c.	$ c.	$ c.
Shelburne......	1,053	98	150 c.p.	*s*	9.00	882.00	0.84
Simcoe.........	6,340	291	100 c p.	*s*	11.00	5,144.43	††
		11	250 c.p.	*s*	15.00		
		13	400 c.p.	*s*	18.00		
		27	1,000 c.p.	*s*	40.00		
		11	150 watt	*m*	11.00		
		8	200 watt	*m*	15.00		
		6	200 watt orn.	*m*	24.00		
		1	500 watt	*m*	53.00		
		1	1,000 watt	*m*	60.00		
Sioux Lookout..	1,967	107	100 watt	*m*	21.00	2,055.40	1.04
Smiths Falls....	7,741	18	50 watt	*m*	9.00	7,475.28	0.97
		101	100 watt	*m*	14.00		
		2	200 watt	*m*	20.00		
		266	300 watt	*m*	22.00		
Smithville.....	....	10	25 watt	*m*	3.00	‡1,447.00	**
		82	100 watt	*m*	12.00		
		1	200 watt	*m*	18.00		
		8	300 watt	*m*	27.00		
Southampton...	1,467	114	100 watt	*m*	12.00	2,467.68	1.68
		55	250 watt	*m*	17.00		
		50	60 watt (3 mos.)	*m*	12.00		
		1	Decorative string	*m*	36.00		
Springfield......	382	3	100 watt	*m*	9.50	611.50	1.60
		53	100 watt	*m*	11.00		
Stamford Twp...	....	916	100 watt	*m*	9.00	8,208.00	**
Stayner........	1,105	86	150 c.p.	*s*	10.00	1,212.00	1.10
		22	200 watt	*m*	16.00		
Stirling........	947	110	150 watt	*m*	10.00	1,637.04	1.73
		2	300 watt	*m*	24.75		
		15	500 watt	*m*	32.50		
Stouffville......	1,198	127	100 watt	*m*	11.00	1,397.00	1.17
Stratford.......	17,163	891	100 c.p.	*s*	10.00	17,113.77	1.00
		83	600 c.p.	*s*	25.00		
		132	600 c.p.	*s*	30.00		
		11	1,000 c.p.	*s*	35.00		
		49	1,000 c.p.	*s*	34.00		
		2	100 watt	*m*	10.00		
		4	500 watt	*m*	34.00		
Strathroy......	2,969	303	100 c.p.	*s*	9.00	4,095.96	1.38
		21	250 c.p.	*s*	15.00		
		17	600 watt	*m*	62.00		
Streetsville.....	697	42	100 watt	*m*	10.50	1,358.50	1.95
		33	200 watt	*m*	15.00		
		13	500 watt	*m*	32.50		

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

‡14 months' revenue.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1941; showing Rate per Lamp, Cost to Municipality in 1941, and Cost per Capita.

Municipality	Population	Number of lamps	Size and style of lamps	Interim rate per lamp per annum	Cost to municipality in 1941	Cost per capita
				$ c.	$ c.	$ c.
Sudbury	31,875	759 255 2 42 2 15 68 101	100 c.p. *s* 250 c.p. *s* 600 c.p. *s* 600 c.p. *s* 1,000 c.p. *s* 1,000 c.p. *s* 1,500 c.p. *s* Mercury vapour *s* Decorative lighting	12.00 16.00 28.00 50.00 35.00 57.00 65.00 65.00 45c. per 100 watts	26,115.13	0.82
Sunderland	....	29 5	100 watt *m* 500 watt *m*	20.00 30.00	730.00	**
Sutton	1,055	127 33	100 watt *m* 200 watt *m*	13.00 17.00	2,203.34	2.09
Swansea	6,606	158 145 32	100 watt *m* 150 watt *m* 200 watt *m*	12.00 20.00 19.00	4,942.19	0.75
Tara	510	61 17	100 watt *m* 300 watt *m*	11.00 30.00	1,177.00	2.31
Tavistock	1,080	85 39	100 watt *m* 200 watt *m*	10.00 12.00	1,317.60	1.22
Tecumseh	2,237	18 81 1	400 c.p. *s* 100 watt *m* 300 watt *m*	22.00 12.00 24.00	1,378.00	††
Teeswater	873	48 15	100 c.p. *s* 250 c.p. *s*	13.00 26.00	1,107.60	1.27
Thamesford	....	47	100 watt *m*	11.00	517.00	**
Thamesville	811	69 34 7 1	100 watt *m* 200 watt *m* 200 watt orn. *m* 250 watt *m*	9.00 15.50 18.00 17.50	1,337.76	1.65
Thedford	598	71	100 watt *m*	15.00	1,065.00	1.78
Thorndale	....	32	100 watt *m*	12.00	384.00	**
Thornton	....	25	100 watt *m*	20.00	500.00	**
Thorold	5,080	413 2 35 2	75 watt *m* 100 watt *m* 200 watt *m* 300 watt *m*	7.50 8.00 12.00 15.00	3,563.40	0.70
Tilbury	1,989	111 25 164	100 watt *m* 200 watt *m* 25 watt	12.00 20 00 38c. per 100 watts per month	1,876.07	0.94

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1941; showing Rate per Lamp, Cost to Municipality in 1941, and Cost per Capita.

Municipality	Population	Number of lamps	Size and style of lamps	Interim rate per lamp per annum	Cost to municipality in 1941	Cost per capita
				$ c.	$ c.	$ c.
Tillsonburg.....	4,602	288	100 c.p. *s*	9.50	5,049.54	1.10
		3	250 c.p. *s*	13.00		
		12	300 watt *m*	32.00		
		45	500 watt *m*	42.00		
		2	Traffic signals *m*	10.32–18.36		
		1	60 watt (Police signal) *m*	9.00		
Toronto........	648,098	39,573	100 watt *m*	7.85–11.85	464,318.82	0.72
		4,309	200 watt *m*	11.75–20.00		
		1,437	300 watt *m*	15.50–20.50		
		195	500 watt *m*	25.00–30.00		
		98	5-lt. stds. 100 w. *m*	40.50		
		409	1-lt stds 500 w *m*	40.50		
		391	1-lt stds 300 w *m*	37.25		
Toronto Twp ..	....	478	100 watt *m*	11.50	5,374.21	**
		1	Intersection light *m*	43.20		
Tottenham.....	532	49	150 c.p. *s*	18.00	882.00	1.66
Trenton.......	7,636	48	600 c.p *s*	63.00	7,616.11	1.00
		312	100 watt *m*	10.50		
		4	200 watt *m*	15.00		
		53	200 watt *m*	23.00		
		1	500 watt *m*	63.00		
Tweed.........	1,181	137	100 c.p. *s*	13.00	1,809.92	1.53
		2	100 c.p. (special) *s*	15.00		
Uxbridge.......	1,480	122	100 watt *m*	11.00	1,692.61	1.14
		6	100 watt (5 mos)*m*	8.00		
		17	200 watt *m*	16.00		
		1	200 watt (5 mos.)*m*	11.00		
		3	300 watt *m*	20.00		
Victoria Harbour	1,018	78	100 watt *m*	8.50	663.00	0.65
Walkerton......	2,534	123	100 c.p. *s*	14.00	2,900.47	1.14
		41	200 c.p. *s*	24.50		
		8	100 watt *m*	14.00		
			Decorative lights *m*	100.00		
Wallaceburg....	4,802	230	150 c.p. *s*	12.00	4,847.04	1.01
		18	400 c.p. *s*	22.00		
		56	300 watt *m*	31.00		
Wardsville.....	248	37	100 watt *m*	18.00	720.00	2.90
Warkworth.....	....	43	100 watt *m*	13.00	617.18	**
		3	200 watt *m*	23.00		
Waterdown.....	867	70	100 watt *m*	10.00	1,096.58	1.26
		3	200 watt *m*	17.50		
		17	300 watt *m*	20.00		
		1	Caution signal *m*	7.00		

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1941; showing Rate per Lamp, Cost to Municipality in 1941, and Cost per Capita.

Municipality	Population	Number of lamps	Size and style of lamps		Interim rate per lamp per annum	Cost to municipality in 1941	Cost per capita
					$ c.	$ c.	$ c.
Waterford......	1,294	158	100 watts	*m*	8.00	1,498.00	1.16
		14	200 watt	*m*	15.00		
		12	250 watt	*m*	18.00		
		1	500 watt	*m*	25.00		
Waterloo.......	8,690	390	80 c.p.	*s*	8.00	7,908.20	††
		121	100 c.p.	*s*	10.00		
		95	150 watt	*m*	10.00		
		5	200 watt	*m*	12.00		
		18	300 watt	*m*	21.00		
		3	500 watt	*m*	30.00		
		9	500 watt	*m*	35.00		
		10	300 watt 3-lt. stds.	*m*	25.00		
		44	450 watt 5-lt. stds.	*m*	36.00		
Watford........	1,023	90	100 watt	*m*	12.50	1,620.96	1.58
		16	300 watt	*m*	31.00		
Waubaushene...	....	48	100 watt	*m*	9.00	482.00	**
		10	100 watt (5 mos.)	*m*	5.00		
Welland........	11,568	175	600 c.p.	*s*	30.00	12,040.84	††
		14	600 c.p.	*s*	12.00		
		429	100 watt	*m*	11.00		
		26	200 watt	*m*	18.00		
		66	300 watt	*m*	25.00		
		12	300 watt orn.	*m*	30.00		
		3	500 watt	*m*	28.00		
Wellesley.......	....	60	100 watt	*m*	11.00	660.00	**
Wellington.....	948	84	100 c.p.	*s*	12.00	1,102.98	1.16
		5	150 c.p.	*s*	19.00		
West Lorne.....	840	89	100 watt	*m*	10.00	1,062.02	1.26
		10	200 watt	*m*	18.00		
Weston........	5,289	424	100 c.p.	*s*	8.50	7,498.67	1.42
		15	100 c.p.	*s*	9.50		
		111	600 c.p.	*s*	30.00		
		3	100 watt 5-lt. stds.	*m*	21.00		
		20	300 watt	*m*	11.00		
		4	500 watt	*m*	26.00		
Westport.......	725	2	50 watt	*m*	10.00	1,388.04	1.91
		72	100 watt	*m*	19.00		
Wheatley.......	761	64	100 watt	*m*	13.00	1,786.32	2.35
		5	150 watt	*m*	16.00		
		43	300 watt	*m*	22.50		
Whitby........	4,236	120	80 c.p.	*s*	11.00	4,904.04	1.16
		21	100 c.p.	*s*	10.00		
		70	100 c.p.	*s*	12.00		
		112	100 watt	*m*	9.50		
		2	500 watt	*m*	15.00		
		30	500 watt	*m*	48.00		
Wiarton........	1,750	115	100 watt	*m*	14.00	2,388.94	1.37
		27	200 watt	*m*	23.00		

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

STATEMENT "C"—Concluded

Street Lighting Installation in Hydro Municipalities, December 31, 1941; showing Rate per Lamp, Cost to Municipality in 1941, and Cost per Capita.

Municipality	Population	Number of lamps	Size and style of lamps	Interim rate per lamp per annum	Cost to municipality in 1941	Cost per capita
				$ c.	$ c.	$ c.
Williamsburgh		12	100 watt *m*	15.00	286.92	**
			Decorative lights *m*	106.92		
Winchester	1,017	118	100 watt *m*	8.00	944.00	0.93
Windermere	158	13	100 watt *m*	25.00	325.00	2.06
Windsor	103,571	778	100 c.p. *s*	11.00	107,831.76	††
		157	250 c.p. *s*	15.00		
		275	400 c.p. *s*	19.00		
		4	600 c.p. *s*	26.00		
		2,406	100 c.p. orn. *s*	13.00		
		820	250 c.p. orn. *s*	17.00		
		831	400 c.p. orn *s*	21.50		
		56	600 c.p. orn. *s*	29.50		
		47	1,000 c.p. orn *s*	39.50		
		80	100 watt *m*	8.50		
		2	150 watt *m*	11.50		
		186	200 watt *m*	13.50		
		69	300 watt *m*	19.00		
		1,467	100 watt orn. *m*	10.00		
		172	150 watt orn. *m*	13.00		
		240	200 watt orn *m*	15.00		
		2	300 watt orn. *m*	21.50		
		12	500 watt orn. *m*	32.00		
Wingham	2,114	107	100 c.p. *s*	15.00	3,305.01	1.56
		1	250 c.p. *s*	27.00		
		31	300 watt *m*	45.00		
		10	500 watt *m*	55.00		
Woodbridge	946	98	100 watt *m*	10.00	1,134.62	1.20
		2	300 watt *m*	23.00		
			Decorative lights *m*	108.00		
Woodstock	12,325	550	100 c.p. *s*	8.00	8,880.00	0.72
		11	250 c.p. *s*	20.00		
		152	100 watt *m*	8.00		
		42	200 watt *m*	16.00		
		1	250 watt (floodlight) *m*	12.00		
		103	300 watt *m*	24.00		
Woodville	392	39	100 watt *m*	12.00	636.00	1.62
		5	500 watt *m*	38.00		
Wyoming	530	52	100 watt *m*	15.00	780.00	1.47
York Twp.		2,322	100 watt *m*	12.00	46,905.68	**
		1,068	100 watt *m*	16.00		
		66	200 watt *m*	19.00		
		21	300 watt *m*	27.00		
		3	500 watt *m*	52.00		
		5	Empty sockets *m*	9.40		
Zurich		63	100 watt *m*	11.00	693.00	**

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

STATEMENT "D"

(pages 318 to 335)

Statistics relating to the Supply of Electrical Energy to Consumers in Ontario Urban Municipalities Served by The Hydro-Electric Power Commission for the year 1941

STATEMENT "E"

(pages 336 to 353)

Cost of Power to Municipalities and Rates to Consumers for Domestic Service—Commercial Light Service—Power Service in Ontario Urban Municipalities Served by The Hydro-Electric Power Commission for the year 1941

STATEMENT "D"

Statistics Relating to the Supply of Electrical Energy to Consumers in Urban Municipalities Served by The Hydro-Electric Power Commission

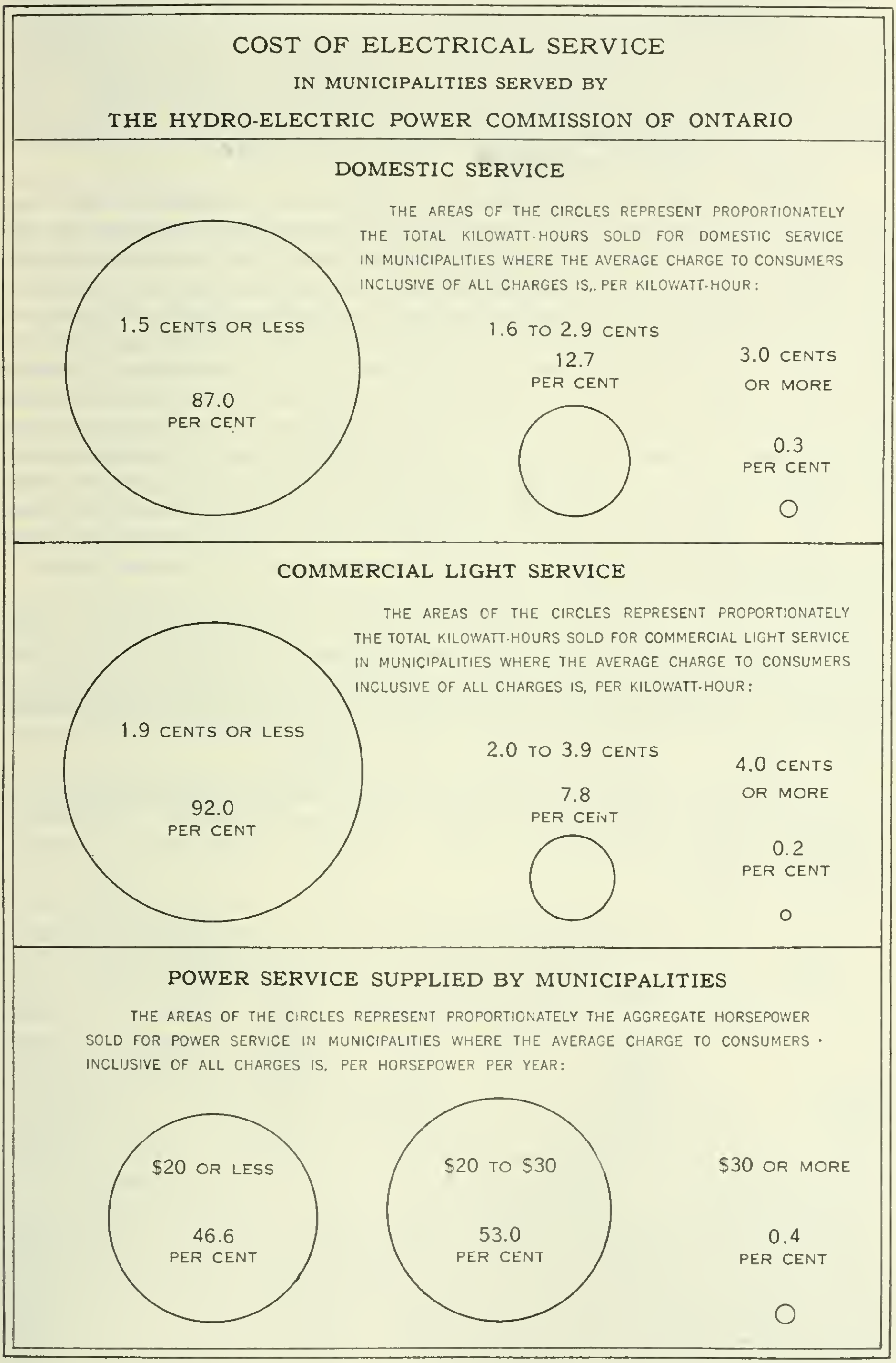
Regarding the results of Hydro operation from the standpoint of the consumers, the following tabulation gives much useful and interesting information. For each main class of service in each urban municipal utility receiving power at cost from the Commission, Statement "D" lists the revenue, the consumption and the number of consumers, together with unit average costs and consumptions and other pertinent data.

The policy and practice of the Commission has been, and is, to make as widespread and beneficial a distribution of electrical energy as possible, and to extend to every community that can economically be reached by transmission lines, the benefit of electrical service. Even where, in certain localities, by reason of the distance from a source of supply or on account of the small quantity of power required by the municipality, the cost per horsepower to the municipality—and, consequently, the cost of service to the consumer—must unavoidably be higher than in more favourably situated communities, service has not been withheld when the consumers were able and willing to pay the cost.

The accompanying diagram summarizes graphically certain data of Statement "D" respecting the average cost to the consumer. It will be observed that the total amount of energy sold in municipalities where circumstances necessitate rates which result in the higher average costs to the consumer is relatively insignificant. With respect to power service, it should be noted that the statistics of Statement "D", and of the diagram, cover mainly retail power service supplied to the smaller industrial consumers. The average amount of power taken by the industrial consumers served by the municipalities is about 45 horsepower. The Commission serves certain large power consumers direct on behalf of the various systems of municipalities.

It should be kept in mind that the revenues reported in Statement "D", and used for purposes of calculating the net unit costs to the consumer, are the total revenues contributed by the consumers, and provide, in addition to the cost of power, sums specifically applicable to the retirement of capital, and also operating surplus which is in part applied to retirement of capital or extension of plant and is in part returned in cash to the consumers.

It should also be noted that average costs per kilowatt-hour or per horsepower if employed indiscriminately as a criterion by means of which to compare the rates or prices for electrical service in various municipalities, will give misleading results. The average cost per kilowatt-hour, as given in Statement "D" for respective classes of service in each municipality, are statistical results obtained by dividing the respective revenues by the aggregate kilowatt-hours sold. As such, the data reflect the combined influence of a number of factors, of which the rates or prices to consumers are but one factor. Owing to the varying influence of factors other than the rates, it is seldom found that in any two municipalities the average cost per kilowatt-hour to the consumers, even of the same classification, is in proportion to the respective rates for service. Instances even occur where for a class of consumers in one municipality, the average costs per kilowatt-hour are substantially lower than for the same class in another municipality, even though the rates are higher.



COST OF ELECTRICAL SERVICE
IN MUNICIPALITIES SERVED BY
THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

DOMESTIC SERVICE

THE AREAS OF THE CIRCLES REPRESENT PROPORTIONATELY THE TOTAL KILOWATT-HOURS SOLD FOR DOMESTIC SERVICE IN MUNICIPALITIES WHERE THE AVERAGE CHARGE TO CONSUMERS INCLUSIVE OF ALL CHARGES IS, PER KILOWATT-HOUR:

COMMERCIAL LIGHT SERVICE

THE AREAS OF THE CIRCLES REPRESENT PROPORTIONATELY THE TOTAL KILOWATT-HOURS SOLD FOR COMMERCIAL LIGHT SERVICE IN MUNICIPALITIES WHERE THE AVERAGE CHARGE TO CONSUMERS INCLUSIVE OF ALL CHARGES IS, PER KILOWATT-HOUR:

1.9 CENTS OR LESS
92.0 PER CENT
2.0 TO 3.9 CENTS
7.8 PER CENT
4.0 CENTS OR MORE
0.2 PER CENT

POWER SERVICE SUPPLIED BY MUNICIPALITIES

THE AREAS OF THE CIRCLES REPRESENT PROPORTIONATELY THE AGGREGATE HORSEPOWER SOLD FOR POWER SERVICE IN MUNICIPALITIES WHERE THE AVERAGE CHARGE TO CONSUMERS INCLUSIVE OF ALL CHARGES IS, PER HORSEPOWER PER YEAR:

$20 OR LESS
46.6 PER CENT
$20 TO $30
53.0 PER CENT
$30 OR MORE
0.4 PER CENT

With respect to domestic service, for example, instances may be observed where two municipalities have identical prices or rates for domestic service, but the average cost per kilowatt-hour to the consumer varies by as much as 50 per cent or more. Such variations are due principally to differences in the extent of utilization of the service for the operation of electric ranges, water heaters and other appliances, an indication of which is afforded by the statistics of average monthly consumption.

In the case of power service, average unit costs are still less reliable as an indication of the relative rates for service in different municipalities. In the case of hydro-electric power supplied to industries at cost, the rate schedules incorporate charges both for demand and for energy consumption, and thus, although the quantity of power taken by a consumer—that is, the demand as measured in horsepower—is the most important factor affecting costs and revenues, it is not the only one. The number of hours the power is used in the month or year—which, in conjunction with the power, determines the energy consumption, as measured in kilowatt-hours—also affects the costs and revenues. Consequently, in two municipalities charging the same rates for power service, the average cost per horsepower to the consumer will vary in accordance with the consumers' average number of hours' use of the power per month. A greater average energy consumption per horsepower increases the average cost per horsepower and decreases the average cost per kilowatt-hour to the consumer, and *vice versa*.*

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*In view of the fact that the data of Statement "D" have been misinterpreted in the making of certain comparisons as to the cost of electricity in various territories, it is desirable to add a word of caution respecting their significance. Essentially, the average cost or revenue per kilowatt-hour is *not a criterion of rates* even with similar forms of rate schedules and for the same class of service. Particularly is this true when revenues and consumptions of all classes of service and of all kinds of rate schedules, are indiscriminately lumped together in order to deduce a so-called "average cost or rate per kilowatt-hour" for all services.

In one community rates for each class of service, and the cost to every consumer in each class for any given service and consumption, may be substantially higher than in another community, and yet there may be in the former community a lower "average revenue per kilowatt-hour."

EXAMPLE.—Assume sales of electrical energy by two electric utilities, A and B, in each case 10,000,000 kilowatt-hours.

Class of service	CASE A Higher rates and lower revenues per kilowatt-hour			CASE B Lower rates and higher revenues per kilowatt-hour		
	Energy sales	Rate per kw-hr.	Revenue	Energy sales	Rate per kw-hr.	Revenue
	kw-hr.	cents	$	kw-hr.	cents	$
Residence	1,000,000	4	40,000	3,000,000	3	90,000
Power	9,000,000	1	90,000	7,000,000	0.75	52,500
Total	10,000,000	....	130,000	10,000,000	....	142,500
Average revenue	1.3 cents per kw-hr.			1.425 cents per kw-hr.		

It will be observed that in Case A *the rates* both for residence and for power service are 33 per cent *higher* than in Case B, but the *average revenue* per kilowatt-hour is nearly 9 per cent less.

In this instance, the explanation lies in the *relative quantities* of energy sold to each class. Service to large power consumers entails a smaller capital investment in distribution lines and equipment and lower operating costs per kilowatt-hour delivered. than does service to domestic and to commercial light consumers, and even where the rates for all classes of service are low, produces a smaller average revenue per kilowatt-hour. Consequently, if one electrical utility as compared with another sells a larger proportion of its energy for power purposes, its "average revenue per kilowatt-hour" may easily be lower than that of the other utility even though its rates for every class of service are substantially higher.

Although the derived statistics of Statement "D" are valueless as a means of comparing the *rates* in one municipality with those in another, they nevertheless fulfil a function in affording a general measure of the *economy of service* to consumers in the co-operating Ontario municipalities—an economy that has resulted primarily from the low rates themselves, and secondarily from the extensive use of the service that has been made possible by the low rates.

Actual bills rendered to typical consumers for similar service under closely comparable circumstances constitute the best basis for making comparisons. In researches respecting rates to consumers therefore the actual *rate schedules* of Statement "E" should be employed and not statistics of average revenues per kilowatt-hour, as these are valueless for rate comparisons —and particularly so when all classifications of service are combined.

In any consideration of the relative economies of electrical service in the various municipalities—whether based on the actual rates for service as set forth in Statement "E", or on the derived statistics resulting from the rates and other factors as presented in Statement "D"—full account should be taken respectively of the influence upon costs of such factors as the size of the municipality, the distance from the source of power, the features of the power developments, the sizes and concentrations of adjacent markets for electricity, and the sizes and characters of the loads supplied under the various classifications by the local electrical utility to the consumers.

In Statement "D" account has been taken of the sizes of municipalities by grouping them according to whether they are (i) cities—over 10,000 population; (ii) towns of 2,000 to 10,000 population; or (iii) small towns (under 2,000 population), villages, and suburban areas in townships (which are comparable in respect of conditions of supply to the smaller towns and villages). The populations are also given, and the situation of any municipality with respect to transmission lines and power supplies may be ascertained by consulting the maps at the end of the Report.

A feature of the electrical service in Ontario municipalities served by The Hydro-Electric Power Commission is the strikingly large average annual consumption per domestic consumer. Of the 88 cities and towns with populations of 2,000 or more—in which over 85 per cent of the domestic consumers of the undertaking are served—no less than 79 have an average annual consumption per domestic consumer in excess of 1,000 kilowatt-hours; of these, 57 have an average annual consumption per domestic consumer in excess of 1,500 kilowatt-hours, and 27 have an average annual consumption per domestic consumer in excess of 2,000 kilowatt-hours. In addition 86 smaller urban municipalities have an average annual consumption exceeding 1,000 kw-hrs. per domestic consumer.

The high average consumption for domestic service results essentially from the policy of the undertaking in providing service "at cost"; the rate schedules designed according to this principle automatically encourage liberal use of the service. Under the standard rate schedules employed by Ontario municipalities, follow-up rates of 1 cent and 1.25 cents (less 10 per cent) are in common use, and as a rule even where the higher initial rates per kilowatt-hour obtain, it is only necessary for the domestic consumer to reach a monthly charge of from $2.00 to $3.00 to obtain the benefit of a follow-up rate of 1.7 cents net. The cost of electric cooking is thus within reach of most of the domestic consumers in Ontario. Electric water heating is also encouraged by low flat rates for continuous heaters and by installation of equipment without capital cost to the consumer. In 1941, war conditions made necessary the suspension of new installations for water heating.

STATEMENT

Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

Group I—CITIES

Municipality	System	Population	Domestic service					
			Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.
			$ c.	kw-hr.		kw-hr.	$ c.	cents
Belleville	E.O.	14,876	86,710.19	9,895,920	3,450	239	2.09	0.9
Brantford	Nia.	30,947	177,747.10	14,984,584	8,054	155	1.84	1.2
Chatham	Nia.	17,148	98,205.69	5,841,558	4,340	112	1.89	1.7
Fort William	T.B.	24,843	229,486.80	35,181,367	6,701	438	2.85	0.7
Galt	Nia.	14,584	108,271.45	8,964,948	4,078	183	2.21	1.2
Guelph	Nia.	22,500	116,546.10	10,707,057	5,550	161	1.75	1.1
Hamilton	Nia.	155,511	894,646.18	76,212,669	40,810	156	1.83	1.2
Kingston	E.O.	26,741	174,672.35	16,046,993	7,001	191	2.08	1.1
Kitchener	Nia.	33,281	235,966.18	22,148,617	8,281	222	2.37	1.1
London	Nia.	75,176	569,223.31	54,894,548	18,571	246	2.55	1.0
Niagara Falls	Nia.	18,770	133,612.24	13,163,418	4,818	228	2.31	1.0
North Bay	N.O.P.	16,013	105,109.01	6,195,327	3,354	154	2.61	1.7
Oshawa	E O.	25,035	209,518.33	14,191,152	6,524	181	2.68	1.5
Ottawa	E.O.	150,277	589,791.57	68,227,823	14,922	381	3.29	0.9
Owen Sound	G.B.	13,599	62,637.67	4,992,885	3,481	120	1.50	1.3
Peterborough	E.O.	24,400	175,412.76	15,823,793	6,243	211	2.34	1.1
Port Arthur	T.B.	23,790	133,004.98	15,216,130	5,474	232	2.02	0.9
St. Catharines	Nia.	28,625	162,450.88	14,343,784	7,684	156	1.76	1.1
St. Thomas	Nia.	16,461	134,560.58	14,217,697	4,524	262	2.47	0.9
Sarnia	Nia.	17,979	98,054.87	6,821,390	4,827	118	1.69	1.4
Stratford	Nia.	17,163	138,305.80	11,427,655	4,443	214	2.59	1.2
Sudbury	N.O.P.	32,301	231,282.37	14,856,372	7,711	161	2.50	1.6
Toronto	Nia.	648,098	4,120,990.26	354,457,009	150,570	196	2.28	1.2
Toronto D.C. and 60 cycle†			12,590.29	429,990	236	152	4.45	2.9
Welland	Nia.	11,568	60,349.10	4,209,133	2,815	125	1.79	1.4
Windsor	Nia.	103,571	709,174.98	51,804,748	24,711	175	2.39	1.4
Woodstock	Nia	12,325	79,710.74	7,215,508	3,313	181	2.00	1.1

†This—with the exception of a relatively small D.C. power load—is a special service not created by The Hydro-Electric Power Commission but acquired through the purchase of a privately owned company. It does not include street railway power.

GROUP II—TOWNS

Amherstburg	Nia.	2,704	22,677.54	1,734,623	689	210	2.74	1.3
Arnprior	E.O.	4,019	17,554.25	906,343	798	94	1.83	1.9
Aylmer	Nia.	1,985	11,933.23	839,090	723	97	1.38	1.4
Barrie	G.B.	10,095	78,652.07	6,624,748	2,259	244	2.90	1.2
Bowmanville	E.O.	3,850	30,816.32	2,080,844	1,193	145	2.15	1.5
Brampton	Nia.	5,702	43,373.21	3,620,778	1,563	193	2.31	1.2
Brockville	E.O.	9,996	58,231.06	5,215,209	2,959	147	1.64	1.1
Carleton Place	E.O.	4,143	21,075.45	1,431,158	1,056	113	1.66	1.5
Cobourg	E.O.	5,062	37,699.45	2,348,088	1,422	138	2.21	1.6
Collingwood	G.B.	5,636	31,634.38	1,989,863	1,463	113	1.80	1.6
Delhi	Nia.	2,430	11,393.69	565,303	581	81	1.63	2.0
Dundas	Nia.	5,001	24,462.48	1,554,780	1,269	102	1.61	1.6
Dunnville	Nia.	3,916	15,587.53	908,510	998	76	1.30	1.7
Elmira	Nia.	2,068	15,914.23	1,055,671	542	162	2.45	1.5
Fergus	Nia.	2,759	20,592.39	1,135,660	753	125	2.28	1.8

"D"

in Ontario Municipalities Served by the Commission and for Power Service during the year 1941

Population, 10,000 or more

Commercial Light service						Power service			Total number of consumers
Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.	Revenue	Number of consumers	Average monthly horse-power	
$ c.	kw-hr.		kw-hr.	$ c	cents	$ c			
57,915.07	4,955,366	692	597	6.97	1.2	48,249.49	100	2,761.5	4,242
82,418.20	8,818,099	1,227	599	5.60	0.9	261,410.93	200	14,407.7	9,481
100,022.01	6,706,935	804	695	10.37	1.5	97,472.70	103	4,377.0	5,247
95,430.77	7,268,540	1,054	575	7.55	1.3	84,958.15	125	4,773.3	7,880
53,766.31	3,806,014	500	635	8.96	1.4	152,533.04	112	7,597.4	4,690
60,175.80	5,278,439	793	555	6.32	1.1	143,392.57	134	8,471.0	6,477
518,706.93	47,551,148	5,314	746	8.13	1.1	2,607,804.36	1,295	132,209.9	47,419
118,787.81	9,840,227	1,019	805	9.71	1.2	146,239.28	185	7,646.7	8,205
147,522.32	10,275,370	1,111	771	10.65	1.4	403,283.90	263	19,004.6	9,655
238,446.77	19,958,837	2,015	825	9.87	1.2	501,351.68	453	26,813.0	21,039
74,541.74	6,939,080	777	750	7.99	1.1	101,137.29	109	5,715.8	5,704
69,292.34	3,330,198	665	417	8.68	2.1	47,664.78	84	1,868.1	4,103
83,052.40	4,201,655	689	508	10.05	2.0	324,187.63	113	14,049.1	7,326
258,129.99	18,018,084	1,457	1,031	14.76	1.4	87,729.37	204	5,365.2	16,583
50,135.54	3,592,915	554	540	7.54	1.4	56,594.72	110	3,256.7	4,145
99,691.58	6,039,893	914	551	9.09	1.7	164,054.91	163	8,241.7	7,320
82,647.64	7,549,875	854	737	8.06	1.1	743,185.85	112	44,053.1	6,440
103,578.30	9,187,463	1,042	735	8.28	1.1	336,935.15	216	18,516.8	8,942
61,218.66	5,519,126	603	763	8.46	1.1	68,622.62	86	4,229.0	5,213
57,840.83	4,349,350	645	562	7.47	1.3	194,698.54	84	8,177.0	5,556
58,541.46	3,606,595	586	513	8.33	1.6	69,601.60	117	3,475.0	5,146
143,113.80	6,015,414	1,051	477	11.35	2.4	53,089.78	102	2,005.7	8,864
2,961,663.75	199,385,328	24,022	692	10.27	1.5	*4,634,031.22	4,280	196,867.0	178,872
47,686.45	1,244,910	340	305	11.69	3.8	281,069.95	754	10,996.0	1,330
41,264.47	3,071,449	437	586	7.87	1.3	239,929.87	92	11,066.9	3,344
416,301.38	29,027,333	3,227	750	10.75	1.4	691,162.38	482	32,157.9	28,420
47,389.13	3,759,298	470	667	8.40	1.3	94,103.62	96	5,509.0	3,879

NOTE—The above group of 26 cities utilizes about 80 per cent of the power distributed by the Commission to Ontario municipalities.

*Does not include street railway power.

of Population, 2,000 or more

8,800.82	537,280	130	344	5.64	1.6	6,077.62	15	275.3	834
10,251.73	361,100	150	200	5.69	2.8	17,895.13	20	810.2	968
10,483.80	706,960	157	375	5.56	1.5	5,677.70	13	337.8	893
49,284.93	3,246,324	431	628	9.53	1.5	25,055.91	52	1,293.4	2,742
10,850.44	570,416	155	306	5.83	1.9	62,343.54	26	2,435.3	1,374
20,406.45	1,255,149	259	404	6.57	1.6	24,110.04	53	1,433.2	1,875
27,511.21	2,389,663	412	483	5.56	1.2	49,692.01	76	2,880.2	3,447
9,489.40	464,696	187	207	4.23	2.0	28,064.26	18	1,416.9	1,261
20,765.36	1,078,106	234	384	7.40	1.9	27,150.37	49	1,390.4	1,705
16,029.84	883,891	208	354	6.42	1.8	32,023.20	50	1,854.8	1,721
10,730.96	461,249	146	263	6.12	2.3	7,290.15	6	269.9	733
13,587.01	899,670	190	395	5.96	1.5	32,927.36	37	2,030.0	1,496
16,797.22	1,084,351	223	405	6.28	1.5	17,401.31	28	1,038.0	1,249
8,909.11	420,261	121	289	6.14	2.1	7,169.67	20	364.2	683
9,413.50	451,230	109	344	7.19	2.1	22,084.58	12	874.6	874

STATEMENT

Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

Group II—TOWNS

Municipality	System	Population	Domestic service					
			Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.
			$ c.	kw-hr.		kw-hr.	$ c.	cents
Forest Hill	Nia.	12,172	206,124.88	15,767,810	3,315	396	5.18	1.3
Georgetown	Nia.	2,452	20,180.43	1,375,289	783	146	2.15	1.5
Goderich	Nia.	4,674	33,856.82	2,143,322	1,303	137	2.17	1.6
Gravenhurst	G.B.	2,261	10,616.56	888,216	576	129	1.54	1.2
Hanover	G.B.	3,190	21,162.83	1,292,445	803	134	2.19	1.6
Hespeler	Nia.	3,037	17,381.11	1,091,739	808	113	1.79	1.6
Humberstone	Nia.	2,831	10,597.65	557,090	712	65	1.24	1.9
Huntsville	G.B.	2,943	13,682.90	1,207,965	705	143	1.62	1.1
Ingersoll	Nia.	5,756	32,631.00	2,524,310	1,505	140	1.81	1.3
Kincardine	G.B.	2,483	16,047.00	673,695	715	79	1.87	2.4
Kingsville	Nia.	2,453	14,601.74	930,206	630	123	1.93	1.6
Leamington	Nia.	6,048	27,362.01	1,920,736	1,599	100	1.43	1.4
Lindsay	E.O.	7,241	46,064.53	3,366,983	2,080	135	1.85	1.4
Listowel	Nia.	2,984	18,003.67	1,250,651	785	133	1.91	1.4
Long Branch	Nia.	5,147	31,600.12	2,122,464	1,501	118	1.75	1.5
Meaford	G.B.	2,759	14,133.55	716,002	731	82	1.61	2.0
Merritton	Nia.	2,916	15,133.73	1,084,154	846	107	1.49	1.4
Midland	G.B.	6,627	36,432.98	2,492,599	1,600	130	1.90	1.5
Mimico	Nia.	7,194	60,948.58	4,766,755	2,053	193	2.47	1.3
Napanee	E.O.	3,241	25,156.43	1,677,008	852	164	2.46	1.5
New Toronto	Nia.	7,514	40,823.27	3,097,165	1,908	135	1.78	1.3
Orangeville	G.B.	2,558	16,152.42	926,585	752	103	1.78	1.7
Paris	Nia.	4,427	25,047.60	2,040,839	1,173	145	1.78	1.2
Penetanguishene	G.B.	4,177	12,823.08	643,766	702	76	1.52	2.0
Perth	E.O.	4,197	25,753.93	1,904,541	1,045	152	2.05	1.4
Petrolia	Nia.	2,768	13,088.80	719,251	798	75	1.37	1.8
Picton	E.O.	3,400	24,286.85	1,565,025	1,082	121	1.87	1.6
Port Colborne	Nia.	6,772	31,583.28	1,656,870	1,596	87	1.65	1.9
Port Hope	E.O.	4,997	30,500.40	2,387,757	1,406	142	1.81	1.3
Prescott	E.O.	2,930	20,600.54	1,607,629	738	182	2.33	1.3
Preston	Nia.	6,337	34,775.76	2,656,695	1,557	142	1.86	1.3
Riverside	Nia.	5,235	40,070.36	2,057,273	1,433	120	2.33	1.9
St. Marys	Nia.	4,009	27,901.55	1,942,890	1,035	156	2.25	1.4
Simcoe	Nia.	6,340	27,230.88	1,906,186	1,613	98	1.41	1.4
Smiths Falls	E.O.	7,741	46,841.54	3,813,187	1,923	165	2.03	1.2
Strathroy	Nia.	2,969	21,491.71	1,813,227	820	184	2.18	1.2
Swansea	Nia.	6,606	78,977.41	5,550,506	2,036	227	3.23	1.4
Tecumseh	Nia.	2,331	14,511.74	542,160	640	71	1.89	2.7
Thorold	Nia.	5,080	20,895.35	1,552,065	1,227	105	1.42	1.3
Tillsonburg	Nia.	4,602	19,279.35	1,281,575	1,200	89	1.34	1.5
Trenton	E.O.	7,636	42,939.17	2,283,123	1,682	113	2.13	1.9
Walkerton	G.B.	2,534	17,990.71	1,061,140	650	136	2.31	1.7
Wallaceburg	Nia.	4,802	21,480.65	1,235,418	1,246	83	1.44	1.7
Waterloo	Nia.	8,690	68,795.44	7,128,180	2,180	272	2.63	1.0
Weston	Nia.	5,289	53,448.02	5,542,723	1,538	300	2.90	1.0
Whitby	E.O.	4,236	28,409.62	2,042,292	966	176	2.45	1.4
Wingham	G.B.	2,114	13,162.91	728,340	577	105	1.90	1.8

"D"—Continued

in Ontario Municipalities Served by the Commission
and for Power Service during the year 1941
population, 2,000 or more

Commercial Light service						Power service			Total number of consumers
Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.	Revenue	Number of consumers	Average monthly horse-power	
$ c.	kw-hr.		kw-hr.	$ c.	cents	$ c.			
29,088.15	1,824,284	238	638	10.18	1.6	3,245.49	24	150.5	3,577
8,915.29	559,211	134	348	5.54	1.6	33,462.15	28	1,497.6	945
17,779.18	820,962	247	276	6.00	2.2	17,356.74	20	802.4	1,570
12,894.16	1,149,647	118	812	9.11	1.1	15,249.58	15	771.8	709
9,093.50	451,283	136	276	5.57	2.0	20,897.26	24	946.5	963
5,442.65	334,923	97	288	4.68	1.6	55,728.38	28	2,407.0	933
3,711.77	263,710	73	301	4.24	1.4	4,676.56	8	235.3	793
12,025.74	835,435	139	501	7.21	1.4	15,668.90	16	1,002.6	860
17,234.14	1,246,660	223	466	6.44	1.4	41,329.83	47	2,150.6	1,775
8,855.66	223,474	118	158	6.25	4.0	12,385.73	17	513.7	850
8,754.58	492,014	157	261	4.65	1.8	6,145.23	20	334.7	807
19,333.05	1,364,425	276	412	5.84	1.4	19,488.75	36	1,044.8	1,911
30,261.50	1,606,199	341	393	7.40	1.9	54,868.45	71	2,474.8	2,492
12,973.85	748,105	157	397	6.89	1.7	18,583.11	24	940.2	966
7,015.06	449,290	99	378	5.90	1.5	2,781.45	7	129.7	1,607
9,130.80	445,744	146	254	5.21	2.0	8,394.92	16	481.3	893
3,710.32	254,465	69	307	4.48	1.5	173,303.32	18	8,080.5	933
18,891.19	1,141,393	210	453	7.50	1.7	66,303.10	46	4,068.6	1,856
11,440.43	746,755	172	362	5.54	1.5	13,663.98	20	565.0	2,245
17,003.50	853,067	198	359	7.16	2.0	9,772.29	25	539.2	1,075
20,813.91	1,618,726	223	605	7.78	1.3	260,165.29	35	11,236.0	2,166
10,505.12	585,646	148	329	5.91	1.8	7,324.12	26	412.0	926
8,699.22	675,713	192	293	3.78	1.3	22,461.21	25	1,316.7	1,390
8,678.41	411,049	111	309	6.52	2.1	20,384.97	23	830.8	836
16,036.88	945,547	198	398	6.75	1.7	16,755.12	27	947.8	1,270
9,103.59	445,141	183	203	4.15	2.0	25,349.80	59	1,016.2	1,040
16,400.67	996,894	205	405	6.67	1.6	5,794.13	36	377.9	1,323
18,603.48	1,230,990	264	389	5.87	1.5	28,875.16	25	1,363.0	1,885
14,581.07	801,140	217	308	5.60	1.8	31,890.43	37	1,655.2	1,660
12,563.56	724,643	160	377	6.54	1.7	6,803.64	21	413.4	919
22,553.70	1,457,953	231	526	8.13	1.5	56,664.11	44	3,059.5	1,832
6,052.33	321,309	57	470	8.85	1.9	5,991.45	12	234.5	1,502
10,880.96	548,300	170	269	5.33	2.0	25,292.46	41	1,059.4	1,246
31,856.59	2,532,642	383	551	6.93	1.3	29,245.30	44	1,485.7	2,040
16,620.71	1,138,814	283	335	4.89	1.5	21,578.02	41	1,174.8	2,247
12,372.36	759,295	165	383	6.25	1.6	11,898.83	30	793.4	1,015
10,529.01	634,218	98	539	8.95	1.7	23,098.74	16	988.8	2,150
5,638.93	256,840	54	396	8.70	2.2	2,732.31	3	125.4	697
8,586.53	783,096	164	398	4.36	1.1	41,157.91	16	1,978.3	1,407
18,609.85	1,259,473	238	441	6.52	1.5	13,707.76	35	790.7	1,473
26,268.65	1,339,570	265	421	8.26	2.0	76,404.15	56	3,496.1	2,003
11,200.15	551,682	142	323	6.57	2.0	9,993.29	20	371.4	812
15,325.23	963,844	250	321	5.11	1.6	68,674.94	42	2,798.6	1,538
28,299.84	2,157,542	259	694	9.11	1.3	48,394.08	73	2,621.4	2,512
13,442.57	1,106,423	182	507	6.16	1.2	60,872.82	30	2,942.2	1,750
14,280.23	822,709	167	411	7.13	1.7	16,932.23	25	738.6	1,158
8,712.77	392,944	142	231	5.11	2.2	10,343.27	22	454.5	741

STATEMENT

Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

Group III—SMALL TOWNS (less than 2,000 population),

NOTE—The power used in the smaller places and rural districts is, and possibly must always be, a relatively small proportion of the power distributed by the Commission. Thus, the power used by the small municipalities in the following group, which includes small towns, villages and certain suburban areas in townships, is less than 10 per cent of the power distributed by the Commission to Ontario municipalities. This relatively small proportion of the total power,

Municipality	System	Population	Domestic service					
			Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.
			$ c.	kw-hr.		kw-hr.	$ c.	cents
Acton	Nia.	1,903	12,429.84	929,351	535	145	1.94	1.3
Agincourt	Nia.	P.V.	5,473.22	363,862	161	188	2.83	1.5
Ailsa Craig	Nia.	487	2,653.63	148,130	152	81	1.45	1.8
Alexandria	E.O.	1,976	7,326.19	203,455	388	44	1.57	3.6
Alliston	G.B.	1,715	11,981.76	545,500	373	122	2.68	2.2
Alvinston	Nia.	693	4,112.67	95,294	190	42	1.80	4.0
Ancaster Twp.	Nia.	....	12,234.70	736,034	358	171	2.85	1.7
Apple Hill	E.O.	P.V.	1,389.81	30,888	63	41	1.84	4.5
Arkona	Nia.	403	3,155.99	82,415	111	62	2.37	3.8
Arthur	G.B.	1,089	5,530.88	145,087	228	53	2.02	3.8
Athens	E.O.	626	3,154.90	63,340	183	29	1.44	5.0
Ayr	Nia.	760	5,826.94	320,150	237	109	1.98	1.8
Baden	Nia	P.V.	3,714.56	290,139	156	155	1.98	1.3
Bath	E.O.	325	2,083.39	53,814	55	82	3.16	3.9
Beachville	Nia.	P.V.	3,716.10	209,649	186	94	1.66	1.8
Beamsville	Nia.	1,227	10,790.74	826,075	377	183	2.39	1.3
Beaverton	G.B.	925	6,585.35	368,321	331	93	1.66	1.8
Beeton	G.B.	583	3,531.63	91,090	138	55	2.13	3.9
Belle River	Nia.	836	4,780.77	184,510	264	58	1.51	2.6
Blenheim	Nia.	1,873	9,473.95	557,189	557	83	1.42	1.7
Bloomfield	E.O.	636	3,270.63	137,607	170	67	1.60	2.4
Blyth	Nia.	662	3,809.78	141,334	183	64	1.73	2.7
Bolton	Nia.	629	4,402.20	253,808	185	114	1.98	1.7
Bothwell	Nia.	665	2,839.61	164,680	186	74	1.27	1.7
Bradford	G.B.	1,041	6,428.60	222,206	238	78	2.25	2.9
Brantford Twp.	Nia.	....	25,668.83	1,675.477	1,138	123	1.88	1.5
Brechin	G.B.	P.V.	1,525.57	39,445	58	57	2.19	3.9
Bridgeport	Nia.	P.V.	5,085.45	235,932	186	105	2.28	2.2
Brigden	Nia.	P.V.	2.333.44	78,869	121	54	1.61	3.0
Brighton	E.O.	1,462	10,546.78	349,054	555	52	1.58	3.0
Brussels	Nia.	784	4,705.72	172,263	247	58	1.59	2.7
Burford	Nia.	P.V.	4,919.93	348,094	206	141	1.99	1.4
Burgessville	Nia.	P.V.	1,716.80	58,910	57	86	2.51	2.9
Caledonia	Nia.	1,430	7,050.93	365,403	438	70	1.34	1.9
Campbellville	Nia.	P.V.	1,536.04	52,311	56	78	2.29	2.9
Cannington	G.B.	753	5,370.28	220,485	235	78	1.90	2.4
Capreol	N.O.P.	1,660	9,227.32	321,930	337	80	2.28	2.9
Cardinal	E.O.	1,602	7,815.43	491,325	382	107	1.70	1.6
Cayuga	Nia.	700	3,953.31	138,507	179	64	1.84	2.9
Chatsworth	G.B.	333	2,100.65	78,660	96	68	1.82	2.7

"D"—Continued

**in Ontario Municipalities Served by the Commission
and for Power Service during the year 1941**

VILLAGES AND SUBURBAN AREAS

however, exerts upon the economic life of the Province a most beneficial influence. It should further be appreciated that about 35 per cent of these municipalities obtain their power, not from Niagara, but from relatively small water-power developments throughout the Province, or from purchased power. The net cost per kilowatt-hour given in the table is the cost inclusive of all charges. Consult also introduction to Statement "D", page 318.

Commercial Light service						Power service			Total number of consumers
Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.	Revenue	Number of consumers	Average monthly horse-power	
$ c.	kw-hr.		kw-hr.	$ c.	cents	$ c.			
5,488.67	354,261	92	321	4.97	1.5	28,332.64	17	1,163.8	644
1,328.71	65,766	26	211	4.26	2.0	984.36	3	65.3	190
1,305.34	52,082	35	124	3.11	2.5	1,101.11	4	45.2	191
4,834.93	130,600	103	106	3.91	3.7	3,799.18	15	105.0	506
8,389.60	310,135	109	237	6.41	2.7	3,274.91	15	188.2	497
2,009.70	60,961	52	98	3.22	3.3	518.94	2	17.5	244
3,239.94	170,415	42	338	6.43	1.9	1,190.92	6	63.9	406
960.20	33,906	24	118	3.33	2.8	440.92	2	24.3	89
1,747.05	40,698	35	97	4.16	4.3	138.97	1	2.7	147
5,085.13	125,365	87	120	4.87	4.1	1,319.92	8	94.1	323
1,678.61	55,020	56	82	2.50	3.1	882.81	1	32.9	240
1,960.71	98,220	43	190	3.80	2.0	696.49	5	34.6	285
2,117.30	116,047	34	284	5.19	1.8	6,409.83	3	264.5	193
761.01	17,410	14	104	4.53	4.4	....	......	....	69
664.19	28,291	22	107	2.52	2.3	15,045.62	4	600.9	212
5,363.26	232,975	73	266	6.12	2.3	2,000.07	4	102.0	454
2,804.86	163,453	66	206	3.54	1.7	1,020.77	9	50.9	406
2,264.32	53,530	34	131	5.55	4.2	2,121.68	6	89.3	178
2,767.08	128,965	45	239	5.12	2.1	1,640.07	2	46.8	311
8,970.80	552,979	139	332	5.38	1.6	5,248.66	14	240.0	710
2,212.19	85,061	43	165	4.29	2.6	1,138.57	7	41.6	220
2,233.23	81,594	49	139	3.80	2.7	693.91	4	41.4	236
1,952.53	80,089	41	163	3.97	2.4	2,480.07	10	111.6	236
1,982.76	117,908	55	179	3.00	1.7	951.81	7	86.7	248
4,548.12	130,017	68	159	5.57	3.5	3,301.11	10	150.4	316
4,119.66	252,902	46	458	7.46	1.6	6,365.57	7	348.0	1,191
649.25	22,477	18	104	3.01	2.9	830.72	4	36.5	80
1,064.32	43,809	21	174	4.22	2.4	175.76	2	6.7	209
2,063.00	69,753	39	149	4.41	3.0	596.59	4	20.7	164
4,732.16	199,163	97	171	4.07	2.4	3,845.65	10	178.0	662
3,028.94	102,941	70	123	3.61	2.9	914.07	4	33.0	321
1,615.50	94,352	40	197	3.37	1.7	1,015.54	2	53.7	248
786.67	25,069	17	123	3.86	3.1	210.47	2	14.3	76
5,586.15	348,854	100	291	4.66	1.6	1,888.27	8	87.0	546
848.91	20,572	10	171	7.07	4.1	....	......	....	66
2,391.20	82,589	62	111	3.21	2.9	1,938.55	10	101.4	307
3,687.25	151,683	50	253	6.15	2.4	721.78	1	25.0	388
2,419.34	120,156	59	170	3.42	2.0	371.52	2	18.0	443
3,944.97	130,256	65	167	5.06	3.0	766.97	6	35.4	250
1,304.19	51,883	34	127	3.20	2.5	....	......	....	120

STATEMENT

Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

Group III—SMALL TOWNS (less than 2,000 population),

Municipality	System	Population	Domestic service					
			Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.
			$ c.	kw-hr.		kw-hr.	$ c.	cents
Chesley	G.B.	1,812	9,712.98	587,010	439	111	1.84	1.7
Chesterville	E.O.	1,094	5,002.39	360,680	248	121	1.68	1.4
Chippawa	Nia.	1,228	8,366.81	654,180	341	160	2.05	1.3
Clifford	Nia.	491	2,735.04	109,999	128	72	1.78	2.5
Clinton	Nia.	1,879	13,874.73	881,483	564	130	2.05	1.6
Cobden	E.O.	643	2,340.27	87,768	135	54	1.44	2.7
Colborne	E.O.	960	5,961.27	273,798	273	84	1.82	2.2
Coldwater	G.B.	606	3,592.33	183,755	162	95	1.85	2.0
Comber	Nia.	P.V.	2,204.96	83,485	115	60	1.60	2.6
Cookstown	G.B.	P.V.	2,370.88	61,659	113	45	1.75	3.8
Cottam	Nia.	P.V.	2,560.33	93,651	121	64	1.76	2.7
Courtright	Nia.	355	1,416.97	39,510	82	40	1.44	3.6
Creemore	G.B.	661	3,633.71	133,905	167	67	1.81	2.7
Dashwood	Nia.	P.V.	2,035.51	73,348	94	65	1.81	2.8
Delaware	Nia.	P.V.	2,117.62	130,108	66	164	2.67	1.6
Deseronto	E.O.	1,002	5,998.11	209,189	338	52	1.48	2.9
Dorchester	Nia.	P.V.	2,757.63	147,536	154	80	1.50	1.9
Drayton	Nia.	521	3,454.31	129,280	165	65	1.75	2.7
Dresden	Nia.	1,525	7,020.08	351,381	445	66	1.31	2.0
Drumbo	Nia.	P.V.	2,483.51	121,094	92	110	2.25	2.1
Dublin	Nia.	P.V.	1,183.20	41,225	58	59	1.70	2.9
Dundalk	G.B.	686	3,491.92	163,380	198	71	1.49	2.1
Durham	G.B.	1,874	7,262.60	421,905	464	76	1.30	1.7
Dutton	Nia.	784	3,232.58	205,810	228	75	1.18	1.6
East York Twp.	Nia.	....	222,153.55	14,781,111	10,637	116	1.74	1.5
Elmvale	G.B.	P.V.	3,909.94	184,030	199	77	1.64	2.1
Elmwood	G.B.	P.V.	1,132.13	32,739	66	41	1.43	3.5
Elora	Nia.	1,185	8,212.28	432,240	351	102	1.94	1.9
Embro	Nia.	460	3,350.55	187,463	118	132	2.37	1.8
Erieau	Nia.	281	4,064.76	140,783	191	61	1.77	2.9
Erie Beach	Nia.	21	1,719.77	34,559	83	35	1.73	5.0
Essex	Nia.	1,886	8,410.74	485,950	515	79	1.36	1.7
Etobicoke Twp.	Nia.	....	175,352.29	14,859,491	5,169	240	2.83	1.2
Exeter	Nia.	1,654	12,465.82	885,247	498	148	2.09	1.4
Finch	E.O.	396	2,318.15	128,976	96	112	2.01	1.8
Flesherton	G.B.	452	2,044.72	83,781	129	54	1.32	2.4
Fonthill	Nia.	860	5,306.52	254,735	272	78	1.63	2.1
Forest	Nia	1,562	12,954.45	745,170	480	129	2.25	1.7
Glencoe	Nia.	827	5,280.46	196,363	222	74	1.98	2.7
Grand Valley	G.B.	645	3,616.84	101,300	177	47	1.70	3.6

"D"—Continued

in Ontario Municipalities Served by the Commission and for Power Service during the year 1941

VILLAGES AND SUBURBAN AREAS

Commercial Light service						Power service			Total number of consumers
Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.	Revenue	Number of consumers	Average monthly horse-power	
$ c.	kw-hr.		kw-hr.	$ c.	cents	$ c.			
6,078.54	328,300	101	271	5.02	1.9	7,400.52	22	411.0	562
3,894.35	173,839	74	196	4.39	2.2	2,125.50	3	95.8	325
3,211.43	215,806	54	333	4.96	1.5	1,218.54	2	42.7	397
2,037.02	81,584	38	179	4.47	2.5	546.25	1	18.0	167
8,326.85	431,050	136	264	5.10	1.9	5,847.97	16	269.0	716
2,429.30	65,039	47	115	4.31	3.7	376.12	1	12.6	183
3,222.81	154,651	75	172	3.58	2.1	868.60	5	44.0	353
1,303.40	54,048	50	90	2.17	2.4	692.97	2	28.5	214
1,953.92	63,570	46	124	3.54	2.8	2,003.46	4	77.2	165
1,565.12	36,454	32	95	4.08	4.3	1,225.53	3	60.3	148
1,601.37	85,573	29	246	4.60	1.9	192.24	1	15.0	151
804.65	26,525	22	100	3.05	3.0	974.71	1	12.5	105
1,622.32	74,248	54	115	2.51	2.2	1,041.19	3	70.2	224
1,147.11	33,790	26	108	3.68	3.4	1,176.24	3	47.5	123
734.64	26,006	15	144	4.08	2.8	....	....	....	81
2,323.60	72,117	59	102	3.28	3.2	1,802.17	5	65.3	402
1,013.28	44,003	29	126	2.91	2.3	584.30	2	36.7	185
2,080.74	76,660	67	95	2.59	2.7	1,209.58	5	57.5	237
6,401.76	372,250	129	240	4.14	1.7	3,966.71	11	245.0	585
1,056.12	46,160	28	137	3.14	2.3	703.25	1	28.5	121
731.56	19,713	21	78	2.90	3.7	1,499.39	2	59.4	81
3,258.82	118,194	73	135	3.72	2.8	3,126.56	5	155.9	276
5,331.90	269,199	104	216	4.27	2.0	4,663.21	13	225.1	581
2,470.90	124,795	63	165	3.27	2.0	3,463.59	10	194.2	301
31,861.81	1,968,982	491	334	5.41	1.6	47,076.78	47	2,001.3	11,175
1,669.30	79,244	44	150	3.16	2.1	3,429.90	9	153.7	252
697.28	22,635	20	94	2.91	3.1	1,220.42	1	41.1	87
4,620.91	206,633	72	233	5.35	2.2	4,329.97	3	221.6	426
1,298.38	39,092	37	88	2.92	3.3	78.89	1	5.0	156
1,540.88	59,445	15	330	8.56	2.6	480.99	2	20.3	208
291.10	9,877	3	274	8.09	2.9	....	....	....	86
8,269.01	542,965	129	351	5.34	1.5	9,135.06	21	518.7	665
35,327.15	2,430,001	282	718	10.44	1.5	33,176.78	41	1,488.5	5,492
7,176.61	344,616	122	235	4.90	2.1	3,767.76	14	244.1	634
1,669.72	61,332	34	150	4.09	2.7	437.21	1	12.0	131
1,704.62	61,453	48	106	2.95	2.8	712.02	2	33.7	179
1,851.70	85,365	36	198	4.29	2.2	530.97	3	19.2	311
7,483.39	314,416	130	202	4.80	2.4	5,359.63	20	241.8	630
4,156.67	161,817	81	166	4.28	2.6	3,278.98	9	122.8	312
2,292.44	63,135	52	101	3.67	3.6	1,764.89	4	76.0	233

STATEMENT

Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

Group III—SMALL TOWNS (less than 2,000 population),

Municipality	System	Population	Domestic service					
			Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.
			$ c.	kw-hr.		kw-hr.	$ c	cents
Granton	Nia	P.V.	2,188.79	124,269	86	120	2.12	1.8
Hagersville	Nia.	1,347	6,718.26	379,668	391	81	1.43	1.8
Harriston	Nia.	1,292	7,418.57	425,501	385	92	1.61	1.7
Harrow	Nia.	1,092	10,580.79	775,266	325	199	2.71	1.4
Hastings	E.O.	823	3,855.15	130,665	227	48	1.42	3.0
Havelock	E.O.	1,103	4,722.09	170,537	291	49	1.35	2.8
Hensall	Nia.	686	4,627.18	212,030	217	81	1.78	2.2
Highgate	Nia.	324	1,690.82	65,410	102	53	1.38	2.6
Holstein	G.B.	P.V.	1,038.07	19,654	51	32	1.70	5.3
Iroquois	E.O.	1,123	5,874.57	264,904	276	80	1.77	2.2
Jarvis	Nia.	513	2,933.52	114,611	150	64	1.63	2.6
Kemptville	E.O.	1,230	7,183.31	361,890	347	87	1.73	2.0
Kirkfield	G.B.	P.V.	924.78	17,368	37	39	2.08	5.3
Lakefield	E.O.	1,301	6,331.04	278,435	343	68	1.54	2.3
Lambeth	Nia.	P.V.	3,350.37	240,432	134	150	2.08	1.4
Lanark	E.O.	686	2,903.72	101,470	166	51	1.46	2.9
Lancaster	E.O.	570	2,061.49	56,300	103	46	1.67	3.7
La Salle	Nia.	907	7,566.64	435,327	243	149	2.59	1.7
London Twp.	Nia.	......	14,149.52	1,157,037	455	212	2.59	1.2
Lucan	Nia.	643	4,684.17	314,701	177	148	2.21	1.5
Lucknow	G.B.	977	5,838.72	199,222	261	64	1.81	2.9
Lynden	Nia.	P.V.	2,586.66	135,406	101	112	2.13	1.9
Madoc	E.O.	1,130	4,946.94	208,324	301	58	1.35	2.4
Markdale	G.B.	776	3,784.00	197,250	231	71	1.36	1.9
Markham	Nia.	1,197	7,947.95	492,041	334	123	1.98	1.6
Marmora	E.O.	1,004	4,358.34	139,650	243	48	1.49	3.1
Martintown	E.O.	P.V.	703.29	27,364	47	49	1.25	2.6
Maxville	E.O.	811	3,218.99	106,401	158	56	1.70	3.0
Merlin	Nia.	P.V.	2,587.08	92,887	124	62	1.74	2.8
Mildmay	G.B.	764	3,712.95	200,361	171	98	1.81	1.9
Millbrook	E.O.	749	4,336.73	92,826	170	46	2.13	4.7
Milton	Nia.	1,915	12,993.02	770,253	530	121	2.04	1.7
Milverton	Nia.	994	5,130.07	422,850	256	138	1.67	1.2
Mitchell	Nia.	1,670	13,017.73	913,052	508	150	2.14	1.4
Moorefield	Nia.	P.V.	992.95	25,860	55	39	1.50	3.8
Morrisburg	E.O.	1,484	9,094.25	517,131	426	101	1.78	1.8
Mt. Brydges	Nia.	P.V.	2,958.98	139,004	150	72	1.64	2.1
Mt. Forest	G.B.	1,936	9,686.12	469,460	468	84	1.72	2.1
Neustadt	G.B.	431	2,019.50	32,207	98	27	1.72	6.3
Newbury	Nia.	280	1,260.35	29,605	70	35	1.50	4.3

"D"—Continued

in Ontario Municipalities Served by the Commission and for Power Service during the year 1941

VILLAGES AND SUBURBAN AREAS

Commercial Light service						Power service			Total number of consumers
Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.	Revenue	Number of consumers	Average monthly horse-power	
$ c.	kw-hr.		kw-hr.	$ c.	cents	$ c.			
1,056.66	39,674	28	118	3.14	2.5	....	......	....	114
6,157.40	361,645	120	251	4.28	1.7	17,150.78	13	849.2	524
5,230.73	245,615	103	198	4.23	2.1	6,365.50	12	279.3	500
5,287.77	238,526	82	242	5.37	2.2	3,738.11	7	178.7	414
2,278.04	63,997	52	103	3.65	3.6	185.64	3	15.2	282
2,668.06	70,533	57	103	3.90	3.8	1,912.14	2	68.8	350
2,226.51	74,830	59	106	3.14	3.0	3,077.32	14	148.5	290
832.18	28,180	36	65	1.93	3.0	1,194.65	6	61.8	144
738.70	20,397	22	77	2.71	3.6	261.47	2	17.5	75
3,865.55	175,759	76	193	4.24	2.2	2,001.19	5	91.4	357
2,186.23	105,191	45	195	4.05	2.1	3,420.19	3	131.3	198
5,051.48	230,455	85	225	4.95	2.2	4,458.48	5	181.8	437
1,041.30	25,299	14	151	6.20	4.1	....	......	....	51
4,444.43	183,752	70	218	5.29	2.4	4,497.88	6	206.2	419
1,331.27	61,299	23	222	4.82	2.2	513.96	3	50.7	160
1,616.65	60,527	40	126	3.36	2.7	....	......	....	206
1,263.34	41,560	30	115	3.51	3.0	....	......	....	133
1,546.44	59,431	14	354	9.21	2.6	283.20	2	10.5	259
2,082.82	134,306	20	560	8.68	1.6	1,806.92	5	85.2	480
2,433.41	98,067	51	160	3.98	2.5	1,370.24	6	66.9	234
4,505.05	104,746	85	102	4.42	4.3	7,041.30	6	181.3	352
759.23	27,188	17	133	3.72	2.8	834.73	2	44.2	120
4,072.29	159,142	86	154	3.95	2.6	1,368.56	4	73.3	391
2,869.43	204,826	75	228	3.19	1.4	2,441.17	9	140.4	315
3,312.51	163,114	72	189	3.83	2.0	3,248.33	9	153.2	415
2,269.53	96,657	46	175	4.11	2.3	238.80	2	24.3	291
914.03	33,258	25	111	3.05	2.7	....	......	....	72
2,719.87	72,798	53	114	4.28	3.7	....	......	....	211
2,292.78	88,511	50	148	3.82	2.6	802.40	2	26.5	176
2,677.79	99,690	54	154	4.13	2.7	952.51	3	28.2	228
2,132.63	38,085	60	53	2.96	5.6	740.50	3	16.0	233
6,949.90	354,185	103	287	5.62	2.0	26,073.79	16	1,106.1	649
4,272.81	178,177	75	198	4.75	2.4	3,694.75	10	250.4	341
6,343.69	355,560	125	237	4.23	1.8	5,880.52	22	307.4	655
1,333.89	49,398	30	137	3.71	2.5	42.79	1	3.0	86
6,927.91	276,728	108	214	5.35	2.5	2,812.54	13	187.7	547
1,142.21	55,847	35	133	2.72	2.0	967.61	5	46.1	190
9,032.42	434,152	143	253	5.26	2.1	6,066.46	15	262.2	626
1,058.12	24,875	28	74	3.14	4.3	358.15	1	9.2	127
585.78	14,915	19	65	2.57	3.9	306.07	1	14.1	90

STATEMENT

Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

Group III—SMALL TOWNS (less than 2,000 population),

Municipality	System	Population	Domestic service					
			Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.
			$ c	kw-hr.		kw-hr.	$ c.	cents
Newcastle	E.O.	701	5,233.92	204,516	216	79	2.02	2.6
New Hamburg	Nia.	1,441	10,559.05	643,148	372	144	2.37	1.6
Niagara-on-the-Lake	Nia.	1,764	16,501.12	1,483,569	579	214	2.37	1.1
Nipigon Twp.	T.B.	....	4,185.32	216,631	220	82	1.59	1.9
North York Twp.	Nia.	....	208,705.29	12,051,197	5,907	170	2.94	1.7
Norwich	Nia.	1,301	8,724.30	631,422	369	143	1.97	1.4
Norwood	E.O.	710	4,967.60	226,170	235	81	1.76	2.2
Oil Springs	Nia.	541	1,846.51	103,255	102	84	1.51	1.8
Omemee	E.O.	630	3,207.76	130,953	169	65	1.58	2.4
Orono	E.O.	P.V.	4,404.89	147,340	179	69	2.05	3.0
Otterville	Nia.	P.V.	2,473.13	119,597	142	70	1.45	3.1
Paisley	G.B.	730	4,178.03	120,645	203	50	1.72	3.5
Palmerston	Nia.	1,400	8,596.44	796,533	397	167	1.81	1.1
Parkhill	Nia.	1,029	6,039.98	262,130	300	73	1.68	2.3
Plattsville	Nia.	P.V.	2,645.74	111,066	114	81	1.93	2.4
Point Edward	Nia.	1,199	6,203.60	264,754	328	67	1.58	2.3
Port Credit	Nia.	1,635	17,844.86	1,597,490	594	224	2.50	1.1
Port Dalhousie	Nia.	1,599	18,873.34	1,555,659	662	196	2.38	1.2
Port Dover	Nia.	1,790	10,033.66	553,570	677	68	1.24	1.8
Port Elgin	G.B.	1,415	10,991.40	631,029	478	107	1.92	1.8
Port McNicoll	G.B.	964	4,258.49	144,525	233	52	1.52	2.9
Port Perry	G.B.	1,175	7,892.67	325,987	377	72	1.74	2.4
Port Rowan	Nia.	700	2,938.84	109,670	147	62	1.67	2.7
Port Stanley	Nia.	1,268	15,767.37	982,436	757	108	1.73	1.6
Priceville	G.B.	P.V.	769.48	11,529	36	27	1.78	6.7
Princeton	Nia.	P.V.	2,602.83	131,733	91	121	2.38	2.0
Queenston	Nia.	P.V.	3,558.13	272,427	84	270	3.53	1.3
Richmond	E.O.	428	2,309.82	95,405	81	98	2.38	2.4
Richmond Hill	Nia.	1,320	10,199.32	787,836	388	169	2.19	1.3
Ridgetown	Nia.	1,981	9,277.96	611,752	589	87	1.31	1.4
Ripley	G.B.	420	3,187.06	71,929	123	49	2.15	4.4
Rockwood	Nia.	P.V.	4,256.59	216,450	172	105	2.06	2.0
Rodney	Nia.	736	3,407.95	162,953	249	55	1.14	2.1
Rosseau	G.B.	305	2,951.30	54,424	64	71	3.84	5.4
Russell	E.O.	P.V.	2,812.87	112,477	115	82	2.04	2.5
St. Clair Beach	Nia.	138	2,622.98	107,500	89	101	2.45	2.4
St. George	Nia.	P.V.	3,202.31	151,244	150	84	1.78	2.1
St. Jacobs	Nia.	P.V.	3,988.45	294,250	136	180	2.44	1.4
Scarborough Twp.	Nia.	....	119,233.16	7,602,211	5,369	118	1.85	1.6
Seaforth	Nia.	1,782	11,148.23	685,783	506	113	1.84	1.6
Shelburne	G.B.	1,053	5,959.24	234,040	306	64	1.62	2.5
Sioux Lookout	N.O.P.	1,967	16,398.92	340,364	499	57	2.74	4.8
Southampton	G.B.	1,467	10,622.26	574,778	537	89	1.65	1.8
Springfield	Nia.	382	1,975.82	70,839	108	55	1.52	2.8
Stamford Twp.	Nia.	....	64,674.79	5,443,853	2,099	216	2.57	1.2

"D"—Continued

in Ontario Municipalities Served by the Commission and for Power Service during the year 1941

VILLAGES AND SUBURBAN AREAS

Commercial Light service						Power service			Total number of consumers
Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.	Revenue	Number of consumers	Average monthly horse-power	
$ c.	kw-hr.		kw-hr.	$ c.	cents	$ c.			
2,663.37	98,939	38	217	5.84	2.7	3,302.91	3	106.7	257
4,981.08	227,999	94	202	4.42	2.2	7,190.99	15	366.3	481
10,938.23	747,536	112	556	8.14	1.5	2,078.91	11	93.8	702
3,799.93	224,910	54	347	5.86	1.7	739.80	4	51.8	278
37,091.77	1,802,371	418	359	7.39	2.1	70,238.49	44	2,092.0	6,369
4,671.27	232,950	91	213	4.28	2.0	1,868.41	8	124.3	468
2,335.64	63,040	55	96	3.54	3.7	530.35	3	29.1	293
1,486.78	61,069	33	154	3.75	2.4	6,016.89	34	182.3	169
1,164.20	41,969	32	109	3.03	2.8	3,774.88	6	154.7	207
2,123.87	56,343	37	127	4.78	3.8	51.21	1	3.0	217
2,121.47	94,945	48	165	3.68	2.2	508.36	4	28.3	194
2,655.08	88,848	51	145	4.33	3.0	1,034.49	4	37.6	258
5,405.06	274,051	103	222	4.37	2.0	6,539.21	14	389.9	514
3,550.43	124,927	70	149	4.23	2.8	1,541.99	5	51.7	375
1,388.70	80,667	25	269	4.63	1.7	1,942.70	2	67.5	141
2,412.03	97,742	45	181	4.47	2.5	42,290.86	9	1,613.6	382
7,721.87	497,739	91	455	7.07	1.6	4,845.59	10	191.5	695
4,128.31	273,976	69	331	4.99	1.5	5,803.68	13	324.0	744
5,277.86	302,395	107	236	4.11	1.7	4,607.88	15	228.2	799
6,291.97	274,927	103	222	5.09	2.3	4,146.89	6	219.3	587
744.33	24,500	19	107	3.26	3.0	51.28	1	1.4	253
3,304.27	104,714	78	112	3.53	3.2	2,638.18	11	118.5	466
2,066.72	94,070	39	201	4.42	2.2	117.56	3	5.2	189
4,868.94	224,125	104	179	3.90	2.2	3,611.91	9	191.5	870
328.51	3,917	10	33	2.70	8.4	76.46	1	1.7	47
1,059.82	45,042	21	179	4.21	2.4	1,744.91	3	69.8	115
2,000.38	88,081	16	459	10.42	2.3	....	......	....	100
1,473.08	50,226	22	190	5.58	2.9	....	......	....	103
4,404.90	266,380	73	304	5.03	1.7	2,381.21	14	133.1	475
8,116.45	453,323	140	270	4.83	1.8	5,614.78	20	331.9	749
1,616.15	33,815	48	59	2.81	4.8	1,430.74	1	55.8	172
850.72	41,230	27	127	2.63	2.1	192.91	2	9.8	201
2,509.52	107,989	74	122	2.83	2.3	1,946.82	6	103.2	329
985.42	19,557	13	125	6.32	5.0	....	......	....	77
1,456.73	34,493	34	85	3.57	4.2	....	......	....	149
2,581.63	91,120	7	1,085	30.73	2.8	283.70	1	10.0	97
1,569.14	74,401	35	177	3.74	2.1	2,389.60	1	87.0	186
1,754.81	78,750	29	226	5.04	2.2	4,568.22	7	204.2	172
26,611.07	1,369,325	369	309	6.01	1.9	33,293.52	37	1,313.2	5,775
6,393.09	402,900	102	329	5.22	1.6	5,005.12	17	280.7	625
3,897.63	164,930	82	168	3.96	2.4	3,235.93	15	205.9	403
12,605.02	255,552	101	211	10.40	4.9	1,365.84	2	32.5	602
5,022.06	211,367	94	187	4.45	2.4	8,482.79	14	327.6	645
843.63	27,058	33	68	2.13	3.1	891.65	3	40.8	144
15,225.36	1,129,257	166	567	7.64	1.3	17,292.49	19	970.1	2,284

STATEMENT

Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

Group III—SMALL TOWNS (less than 2,000 population),

Municipality	System	Population	Domestic service					
			Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.
			$ c.	kw-hr.		kw-hr.	$ c.	cents
Stayner	G.B.	1,106	5,561.56	295,457	286	86	1.62	1.9
Stirling	E.O.	947	5,393.80	377,010	297	106	1.51	1.4
Stouffville	Nia.	1,198	6,941.01	392,418	380	86	1.52	1.8
Streetsville	Nia.	661	5,086.92	291,071	198	123	2.14	1.7
Sunderland	G.B.	P.V.	2,913.67	93,500	126	62	1.93	3.1
Sutton	Nia.	1,055	8,668.16	338,960	453	62	1.59	2.6
Tara	G.B.	510	3,527.47	105,047	155	56	1.90	3.4
Tavistock	Nia.	1,080	8,516.45	587,415	298	164	2.38	1.4
Teeswater	G.B.	873	5,241.87	162,048	230	58	1.90	3.2
Thamesford	Nia.	P.V.	3,480.19	221,835	134	138	2.16	1.6
Thamesville	Nia.	811	3,650.49	196,743	246	67	1.24	1.9
Thedford	Nia.	598	3,199.87	91,540	156	49	1.71	3.5
Thorndale	Nia.	P.V.	1,750.19	72,808	76	80	1.92	2.4
Thornton	G.B.	P.V.	1,623.85	29,077	68	36	1.99	5.6
Tilbury	Nia.	1,923	7,114.19	445,480	471	79	1.26	1.6
Toronto Twp.	Nia.	....	74,877.18	4,388,092	2,653	138	2.35	1.7
Tottenham	G.B.	532	3,868.02	108,621	142	64	2.27	3.6
Trafalgar Twp. No. 1	Nia.	....	14,574.09	827,785	374	184	3.25	1.8
Trafalgar Twp. No. 2	Nia.	....	4,857.18	253,432	159	133	2.55	1.9
Tweed	E.O.	1,181	6,380.56	257,582	306	70	1.74	2.5
Uxbridge	G.B.	1,480	9,085.72	438,231	401	89	1.89	2.1
Victoria Harbour	G.B.	1,018	3,602.21	124,260	255	41	1.18	2.9
Wardsville	Nia.	248	1,574.56	44,898	62	60	2.12	3.5
Warkworth	E.O.	P.V.	2,224.95	66,465	133	42	1.39	3.3
Waterdown	Nia.	867	5,246.59	341,460	258	110	1.69	1.5
Waterford	Nia.	1,294	6,358.72	382,510	376	85	1.41	1.7
Watford	Nia.	1,023	8,183.17	421,330	299	117	2.28	1.9
Waubaushene	G.B.	P.V.	3,358.50	142,156	225	53	1.24	2.4
Wellesley	Nia.	P.V.	2,453.71	104,100	140	62	1.46	2.4
Wellington	E.O.	948	6,325.62	299,755	342	73	1.54	2.1
West Lorne	Nia.	840	3,242.79	163,621	219	62	1.23	2.0
Westport	E.O.	725	3,711.80	101,220	138	61	2.24	3.7
Wheatley	Nia.	761	3,929.74	162,320	232	58	1.41	2.4
Wiarton	G.B.	1,750	7,676.87	303,330	417	61	1.53	2.5
Williamsburg	E.O.	P.V	1,957.75	185,225	98	158	1.66	1.1
Winchester	E.O.	1,017	6,555.34	451,538	301	125	1.81	1.5
Windermere	G.B.	158	2,538.25	45,770	63	61	3.36	5.5
Woodbridge	Nia	946	8,023.09	526,228	298	147	2.24	1.5
Woodville	G.B.	392	2,170.54	88,685	114	65	1.59	2.4
Wyoming	Nia.	538	2,509.44	89,463	159	47	1.32	2.8
York Township	Nia.	....	546,273.00	32,112,552	20,908	128	2.18	1.7
Zurich	Nia.	P.V.	3,627.25	135,065	142	79	2.13	2.7

"D"—Concluded

in Ontario Municipalities Served by the Commission and for Power Service during the year 1941

VILLAGES AND SUBURBAN AREAS

Commercial Light service						Power service			Total number of consumers
Revenue	Consumption	Number of consumers	Average monthly consumption	Average monthly bill	Net cost per kw-hr.	Revenue	Number of consumers	Average monthly horse-power	
$ c.	kw-hr.		kw-hr.	$ c.	cents	$ c.			
3,784.12	179,469	92	163	3.43	2.1	2,314.69	16	176.0	394
3,596.40	159,342	72	184	4.16	2.3	1,566.81	12	85.0	381
4,039.18	186,875	87	179	3.87	2.2	934.19	5	58.9	472
1,841.51	73,636	50	123	3.07	2.5	4,257.24	6	158.7	254
1,528.37	44,751	36	104	3.54	3.1	284.35	2	11.5	164
4,050.24	140,100	77	152	4.38	2.9	1,055.04	3	37.8	533
1,446.55	51,923	33	131	3.65	2.8	1,301.43	5	48.5	193
4,019.93	193,357	96	168	3.49	2.1	9,422.90	9	404.2	403
2,954.34	79,722	55	121	4.47	3.7	1,200.47	3	87.7	288
1,551.76	87,838	40	183	3.23	1.8	1,702.95	6	89.1	180
3,282.07	208,386	77	226	3.55	1.6	1,900.66	7	87.9	330
2,595.76	69,840	49	119	4.41	3.7	912.02	2	29.2	207
791.32	24,241	23	88	2.87	3.3	1,114.98	2	38.0	101
479.21	13,863	12	96	3.33	3.5	314.11	2	16.6	82
9,421.40	652,150	135	403	5.82	1.4	13,283.49	13	875.5	619
23,929.11	1,037,834	180	480	11.08	2.3	9,677.49	32	456.4	2,865
1,561.23	32,678	45	61	2.89	4.8	623.65	7	23.2	194
568.16	22,300	4	465	11.84	2.5	806.33	9	29.3	387
764.39	59,184	17	290	3.75	1.3	113.27	1	5.0	177
4,781.97	150,743	86	146	4.63	3.2	4,012.52	13	156.0	405
4,929.47	161,415	97	139	4.23	3.1	2,439.99	11	113.0	509
980.78	45,530	31	122	2.64	2.2	94.34	1	3.0	287
1,072.56	31,750	24	110	3.72	3.4	49.54	1	3.0	87
1,317.34	42,277	43	82	2.55	3.1	11.73	1	....	177
1,542.49	94,250	35	224	3.67	1.6	1,313.59	7	86.0	300
3,083.68	187,630	77	203	3.34	1.6	6,496.15	14	426.7	467
3,336.04	171,120	79	181	3.52	1.9	4,652.28	6	160.7	384
583.60	34,670	21	134	2.32	1.7	210.46	2	7.0	248
1,647.38	49,292	44	93	3.12	3.3	1,281.89	4	61.4	188
2,630.24	114,005	63	151	3.48	2.3	912.24	5	43.4	410
2,378.79	123,734	52	198	3.81	1.9	3,879.52	7	169.7	278
2,990.29	87,692	48	152	5.19	3.4	....	......	....	186
3,341.33	133,810	73	153	3.81	2.5	3,096.97	6	124.2	311
8,331.47	324,026	112	241	6.20	2.6	4,196.40	15	157.6	544
2,648.25	134,020	46	243	4.80	2.0	146.33	1	12.2	145
4,618.05	232,196	85	228	4.53	2.0	1,557.82	3	73.3	389
1,272.76	30,355	14	181	7.58	4.2	161.83	1	7.5	78
2,351.38	113,829	47	202	4.17	2.1	11,169.59	9	532.8	354
1,022.24	31,373	24	109	3.55	3.3	606.29	2	38.7	140
1,553.37	42,813	50	71	2.59	3.6	224.92	2	16.0	211
82,095.06	4,928,469	1,094	375	6.25	1.6	136,417.54	178	5,875.6	22,180
3,085.89	102,590	45	190	5.71	3.0	....	......	....	187

STATEMENT "E"

Cost of Power to Municipalities and Rates to Consumers for Domestic Service—Commercial Light Service—Power Service in Ontario Urban Municipalities Served by The Hydro-Electric Power Commission for the year 1941

In Statement "E" are presented the rate schedules applicable to consumers for domestic service, for commercial light service and for power service in each of the co-operating municipalities receiving service at cost through The Hydro-Electric Power Commission.* The cost per horsepower of the power supplied at wholesale by the Commission to the municipality, an important factor in determining rates to consumers, is also stated.

Cost of Power to Municipalities

The figures in the first column represent the total cost for the year of the power supplied by the Commission to the municipality, divided by the number of horsepower supplied. Details respecting these costs are given in the "Cost of Power" tables relating to the several systems, as presented in Section IX, and an explanation of the items making up the cost of power is given in the introduction to that Section.

Rates to Consumers

The Power Commission Act stipulates that "The rates chargeable by any municipal corporation generating or receiving and distributing electrical power or energy shall at all times be subject to the approval and control of the Commission,"† in accordance with the Act and in pursuance of its fundamental principle of providing service at cost, the Commission requires that accurate cost records be kept in each municipality, and exercises a continuous supervision over the rates charged to consumers.

At the commencement of its operations, the Commission introduced scientifically-designed rate schedules for each of the three main classes into which the electrical service is usually divided, namely: residential or domestic service, commercial light service, and power service, and the schedules in use during the past year are presented in the tables of this statement.

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*Except townships served as parts of rural power districts, for which consult latter part of Section III.

†R.S.O. 1937, Ch. 62, Sec. 89.

Domestic Service: Domestic rates apply to electrical service in residences, for all household purposes, including lighting, cooking and the operation of all domestic appliances.

During the past few years most of the urban municipal utilities have further simplified the domestic rate structure by abolishing the service charge, and making a suitable adjustment in the first consumption rate. Where the service charge is retained at 33 and 66 cents gross per month the charge of 33 cents per month per service is made when the permanently installed appliance load is under 2,000 watts, and the charge of 66 cents per month when 2,000 watts or more.

Commercial Light Service: Electrical energy used in stores, offices, churches schools, public halls and institutions, hotels, public boarding-houses, and in all other premises for commercial purposes, including sign and display lighting, is billed at commercial lighting rates.

Water-Heater Service: For all consumers using continuous electric water heaters, low flat rates are available consisting of a fixed charge per month dependent on the capacity of the heating element and the cost of power to the municipal utility. Such heaters are so connected that the electrical energy they consume is not metered. For new installations the necessary equipment, including heater, thermostat, efficient insulation for water-storage tank, and wiring, is installed by a large number of municipal Hydro utilities, without capital cost to the consumer.†

Power Service: The rate schedules given for power service in Statement "E" are those governing the supply of power at retail by each of the local municipal utilities. The Commission serves direct, certain large power consumers under special contracts, on behalf of the various systems of municipalities.

The rates for power service, as given in the tables, are the rates for 24-hour unrestricted power at secondary distribution voltage. For service at primary distribution voltage the rates are usually five per cent lower than those stated. In municipalities where load conditions and other circumstances permit, lower rates are available for "restricted power", discounts additional to those listed in the table being applicable.

The service charge relates to the connected load or to the maximum demand, as measured by a 10-minute average peak, where a demand meter is installed. The prompt payment discount of 10 per cent on the total monthly bill is given for settlement within 10 days.

Under the tabulation of rates for power service there is a column headed "Basis of rate 130 hours' monthly use of demand." This column shows approximately the net annual amount payable for a demand of one horsepower, assuming a monthly use of 130 hours, which includes 30 hours' use each month at the third energy rate. Broadly, the figures in this column serve to indicate approximately the relative cost of power service in the different municipalities listed.

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†In addition, the municipal Hydro utilities supply booster water-heating equipment to furnish extra requirements beyond the capacity of the continuous heater; current for the booster heater is measured and charged for at the regular rates.

STATEMENT

Cost of Power to Municipalities and Rates to Consumers for for the Year 1941, in Urban Municipalities

Municipality C—City T—Town (pop. 2,000 or more)	Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis	Domestic service					
		Service charge per month*	First rate		All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount
			Number of kw-hrs. per month	Per kw-hr. per month			
	$ c.	cents		cents	cents	$ c.	%
Acton	26.66	....	60	2.5	1.0	0.83	10
Agincourt	27.45	....	60	3.4	1.1	1.11	10
Ailsa Craig	36.86	....	60	2.8	0.9	0.83	10
Alexandria T	47.33	....	50	4.5	1.2	1.11	10
Alliston T	42.53	....	40	5.3	1.3	1.39	10
Alvinston	50.22	....	60	4.7	1.2	1.38	10
Amherstburg T	30.41	....	60	3.4	0.9	0.83	10
Ancaster Twp.	25.52	....	60	3.8	1.3	0.83	10
Apple Hill	44.65	....	60	5.0	1.3	1.66	10
Arkona	51.91	....	60	5.0	1.8	1.78	10
Arnprior T	25.89	....	55	3.8	1.0	0.83	10
Arthur	58.57	33–66	40	4.8	1.5	1.67	10
Athens	42.04	33–66	50	4.5	1.5	1.11	10
Aylmer T	28.18	....	60	2.3	0.8	0.83	10
Ayr	32.28	....	60	3.4	1.1	1.11	10
Baden	26.93	....	60	2.5	1.0	0.83	10
Bala T	.....	33–66	50	3.7	1.2	1.66	10
Barrie T	31.49	....	60	2.7	1.0	0.83	10
Bath	47.04	33–66	40	6.0	1.5	2.78	10
Beachville	27.32	....	60	3.1	1.1	0.83	10
Beamsville	26.46	....	60	3.3	1.0	0.83	10
Beardmore Townsite	.....	....	50	5.5	1.5	1.11	10
Beaverton	37.02	....	60	2.8	1.0	1.11	10
Beeton	55.14	....	40	5.5	1.8	1.67	10
Belle River	30.94	....	60	3.6	1.0	1.11	10
Belleville C	25.27	....	55	1.9	0.7	0.83	10
Blenheim T	30.30	....	60	2.5	0.9	0.83	10
Bloomfield	41.39	....	50	3.4	1.3	1.11	10
Blyth	39.86	....	60	3.5	1.1	1.39	10
Bolton	33.26	....	55	3.5	1.1	1.11	10
Bothwell T	34.54	....	60	2.4	0.8	0.83	10
Bowmanville T	29.58	....	60	3.5	1.0	0.83	10
Bradford	46.07	....	40	5.2	1.3	1.67	10
Brampton T	24.25	....	60	2.3	1.0	0.83	10
Brantford C	23.86	....	60	2.3	0.9	0.83	10
Brantford Twp.	27.54	....	60	2.7	1.0	1.11	10
Brechin	42.92	....	45	5.5	1.2	1.67	10
Bridgeport	29.26	....	50	4.3	1.2	1.11	10
Brigden	43.45	....	60	3.6	0.9	1.39	10
Brighton	32.15	....	60	4.2	1.2	1.11	10

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*Where domestic service charge has not been abolished the charge is 33 cents per month per service when the permanently installed appliance load is under 2,000 watts and 66 cents per month when 2,000 watts or more.

"E"

Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

Commercial Light service					Power service							
Service charge per 100 watts min. 1,000 watts	First 100 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount	Basis of rate 130 hours' monthly use of demand	Service charge per h.p. per month	First 50 hrs. per month per kw-hr.	Second 50 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum per h.p per month	Local discount	Prompt payment discount
cents	cents	cents	$ c.	%	$ c.	$ c.	cents	cents	cents	$ c.	%	%
5.0	1.8	0.5	0.83	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	3.0	0.6	1.11	10	23.00	1.00	2.1	1.4	0.33	......	10	10
5.0	2.2	0.6	0.83	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	3.5	0.8	1.66	10	42.00	1.00	4.6	3.0	0.33	......	..	10
5.0	4.3	1.0	1.39	10	30.00	1.00	2.8	1.8	0.33	......	..	10
5.0	4.3	1.0	1.38	10	53.00	1.00	6.2	4.1	0.33	......	..	10
5.0	2.5	0.6	0.83	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	3.0	0.7	0.83	10	28.00	1.00	2.5	1.6	0.33	......	..	10
5.0	5.0	1.0	1.66	10	40.00	1.00	4.3	2.8	0.33	......	..	10
5.0	5.0	1.0	1.78	10	53.00	1.00	6.2	4.1	0.33	......	..	10
5.0	3.5	1.0	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	5.0	1.0	1.67	10	40.00	1.00	4.3	2.8	0.33	......	..	10
5.0	4.5	1.0	1.11	10	42.00	1.00	4.6	3.0	0.33	......	..	10
5.0	1.9	0.5	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	2.5	0.7	1.11	10	32.00	1.00	3.1	2.0	0.33	......	..	10
5.0	2.2	0.7	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	3.7	0.8	1.66	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	2.1	0.8	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	6.0	1.0	2.78	10	35.00	1.00	3.5	2.3	0.33	......	..	10
5.0	2.6	0.6	0.83	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	3.0	0.6	0.83	10	25.00	1.00	2.0	1.3	0.33	......	..	10
5.0	5.5	1.5	2.22	10	40.00	1.00	4.3	2.8	0.33	......	..	10
5.0	2.0	0.8	1.11	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	5.5	1.0	1.67	10	35.00	1.00	3.5	2.3	0.33	......	..	10
5.0	2.7	0.6	1.11	10	32.00	1.00	3.1	2.0	0.33	......	..	10
4.5	1.6	0.35	0.83	10	15.00	1.00	1.3	0.8	0.33	......	25	10
5.0	2.0	0.6	0.83	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	3.0	1.0	1.11	10	38.00	1.00	4.0	2.6	0.33	......	..	10
5.0	3.4	1.0	1.39	10	45.00	1.00	4.9	3.3	0.33	......	..	10
5.0	3.0	1.0	1.11	10	25.00	1.00	2.0	1.3	0.33	......	..	10
5.0	2.0	0.5	0.83	10	27.00	1.00	2.3	1.5	0.33	......	..	10
5.0	2.6	0.7	0.83	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	4.4	1.0	1.67	10	30.00	1.00	2.8	1.8	0.33	......	..	10
5.0	1.8	0.6	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
*5.0	1.6	0.35	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
5.0	2.2	0.5	1.11	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	4.8	0.8	1.67	10	34.00	1.00	3.4	2.2	0.33	......	..	10
5.0	4.0	0.7	1.11	10	32.00	1.00	3.1	2.0	0.33	......	..	10
5.0	3.0	0.9	1.39	10	42.00	1.00	4.6	3.0	0.33	......	..	10
5.0	3.6	0.8	1.11	10	26.00	1.00	2.2	1.4	0.33	......	..	10

*Min. 500 watts.

STATEMENT

Cost of Power to Municipalities and Rates to Consumers for for the Year 1941, in Urban Municipalities

Municipality C—City T—Town (pop. 2,000 or more)	Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis	Domestic service					
		Service charge per month	First rate		All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount
			Number of kw-hrs. per month	Per kw-hr. per month			
	$ c.	cents		cents	cents	$ c.	%
Brockville............T	26.81	....	60	1.8	0.8	0.83	10
Brussels.............	39.00	....	50	3.8	1.1	1.39	10
Burford..............	28.26	....	60	2.9	0.9	0.83	10
Burgessville..........	47.03	....	60	5.0	1.5	1.39	10
Burlington Beach or Hamilton Beach....	.....	....	60	3.5	1.1	0.83	10
Caledonia............	26.80	....	60	2.5	0.8	0.83	10
Callander............	.....	33	40	5.0	2.0	1.11	10
Campbellville.........	47.36	....	45	5.0	1.5	1.67	10
Cannington..........	38.05	....	55	3.6	1.5	1.11	10
Capreol.............T	.....	....	50	4.5	1.5	1.39	10
Cardinal.............	28.07	....	55	2.5	1.1	1.11	10
Carleton Place.......T	26.78	....	55	2.8	1.0	0.83	10
Carlsruhe............	.....	33–66	40	6.0	2.0	1.67	10
Cayuga..............	36.59	....	60	3.8	1.1	1.39	10
Chatham............C	25.57	....	60	3.0	0.9	0.83	10
Chatsworth..........	38.05	....	45	3.5	1.2	1.39	10
Chesley.............T	35.03	....	55	2.9	1.1	1.11	10
Chesterville..........	31.92	....	55	2.3	1.0	0.83	10
Chippawa............	20.40	....	60	2.8	0.9	1.11	10
Clifford..............	43.93	....	55	3.5	1.2	1.39	10
Clinton.............T	30.58	....	60	2.8	1.1	1.11	10
Cobden..............	49.76	....	30	3.5	1.0	1.11	10
Cobourg............T	29.33	....	55	3.4	1.1	0.83	10
Colborne............	32.15	....	60	4.0	1.1	0.83	10
Coldwater...........	37.85	33–36	55	2.5	1.0	1.11	10
Collingwood.........T	33.11	....	55	2.8	1.0	0.83	10
Comber..............	37.23	....	60	3.6	0.9	1.11	10
Cookstown...........	42.46	....	40	5.2	1.2	1.67	10
Cottage Cove Townsite	.....	....	60	6.0	2.0	3.33	10
Cottam..............	35.03	....	60	3.6	1.0	1.39	10
Courtright...........	51.57	....	55	4.0	1.2	1.39	10
Creemore............	41.67	....	45	3.8	1.0	1.39	10
Dashwood............	34.41	....	60	4.2	1.0	1.11	10
Delaware............	28.57	....	60	3.5	1.2	1.11	10
Delhi................	29.54	....	60	3.3	1.0	0.83	10
Deseronto...........T	39.87	....	50	4.8	1.2	0.83	10
Dorchester...........	31.01	....	60	3.0	1.1	0.83	10
Drayton.............	45.22	....	55	4.0	1.3	1.11	10
Dresden............T	32.38	....	60	2.6	0.8	0.83	10
Drumbo.............	33.29	....	60	3.8	1.1	1.11	10

"E"—Continued

Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

Commercial Light service					Power service							
Service charge per 100 watts min. 1,000 watts	First 100 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount	Basis of rate 130 hours' monthly use of demand	Service charge per h.p. per month	First 50 hrs. per month per kw-hr.	Second 50 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum per h.p. per month	Local discount	Prompt payment discount
cents	cents	cents	$ c.	%	$ c.	$ c.	cents	cents	cents	$ c.	%	%
4.5	1.6	0.4	0.83	10	16.00	1.00	1.5	0.9	0.33	......	25	10
5.0	3.3	1.0	1.39	10	40.00	1.00	4.3	2.8	0.33	......	. .	10
5.0	2.0	0.6	0.83	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	4.5	1.0	1.39	10	35.00	1.00	3.5	2.3	0.33	......	. .	10
5.0	3.2	0.7	0.83	10	27.00	1.00	2.3	1.5	0.33	......	. .	10
5.0	2.0	0.5	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	5.0	1.0	1.11	10	40.00	1.00	4.3	2.8	0.33	......	. .	10
5.0	5.0	1.0	1.67	10	40.00	1.00	4.3	2.8	0.33	......	. .	10
5.0	2.8	1.0	1.11	10	33.00	1.00	3.2	2.1	0.33	......	. .	10
5.0	4.0	0.8	1.39	10	31.00	1.00	2.9	1.9	0.33	......	. .	10
5.0	2.3	1.0	1.11	10	32.00	1.00	3.1	2.0	0.33	......	. .	10
5.0	2.2	0.8	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	6.0	1.0	1.67	10	40.00	1.00	4.3	2.8	0.33	......	. .	10
5.0	3.5	1.0	1.39	10	32.00	1.00	3.1	2.0	0.33	......	. .	10
5.0	2.3	0.6	0.83	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	3.0	1.0	1.39	10	30.00	1.00	2.8	1.8	0.33	......	. .	10
5.0	2.4	0.8	1.11	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	2.3	1.0	0.83	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	2.0	0.6	1.11	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	3.5	1.0	1.39	10	40.00	1.00	4.3	2.8	0.33	......	. .	10
5.0	2.4	0.7	1.11	10	26.00	1.00	2.2	1.4	0.33	......	. .	10
5.0	3.5	1.0	1.11	10	35.00	1.00	3.5	2.3	0.33	......	. .	10
5.0	2.7	0.9	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	3.0	1.0	0.83	10	32.00	1.00	3.1	2.0	0.33	......	. .	10
5.0	2.5	1.0	1.11	10	28.00	1.00	2.5	1.6	0.33	......	. .	10
5.0	2.3	0.8	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	2.9	0.9	1.11	10	27.00	1.00	2.3	1.5	0.33	......	. .	10
5.0	4.5	1.0	1.67	10	32.00	1.00	3.1	2.0	0.33	......	. .	10
5.0	5.0	2.0	4.44	10	....	......	......	......	......	......	. .	. .
5.0	2.8	0.9	1.39	10	30.00	1.00	2.8	1.8	0.33	......	. .	10
5.0	4.0	1.0	1.39	10	50.00	1.00	5.7	3.8	0.33	......	. .	10
5.0	3.0	0.9	1.39	10	26.00	1.00	2.2	1.4	0.33	......	. .	10
5.0	3.9	0.9	1.11	10	35.00	1.00	3.5	2.3	0.33	......	. .	10
5.0	3.0	1.0	1.11	10	30.00	1.00	2.8	1.8	0.33	......	. .	10
5.0	2.6	0.9	0.83	10	32.00	1.00	3.1	2.0	0.33	......	. .	10
5.0	3.8	1.0	0.83	10	30.00	1.00	2.8	1.8	0.33	......	. .	10
5.0	2.2	1.0	0.83	10	27.00	1.00	2.3	1.5	0.33	......	. .	10
5.0	3.4	0.7	1.11	10	32.00	1.00	3.1	2.0	0.33	......	. .	10
5.0	2.0	0.6	0.83	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	3.0	0.8	1.11	10	28.00	1.00	2.5	1.6	0.33	......	. .	10

STATEMENT

Cost of Power to Municipalities and Rates to Consumers for for the Year 1941, in Urban Municipalities

Municipality C—City T—Town (pop. 2,000 or more)	Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis	Domestic service					
		Service charge per month	First rate		All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount
			Number of kw-hrs. per month	Per kw-hr. per month			
	$ c.	cents		cents	cents	$ c.	$ c.
Dublin	41.62	....	60	3.5	1.2	1.11	10
Dundalk	35.92	....	55	3.0	1.0	1.11	10
Dundas T	22.50	....	60	2.5	0.9	0.83	10
Dunnville T	21.95	....	60	2.4	0.8	0.83	10
Durham T	38.62	....	55	2.5	1.0	0.83	10
Dutton	31.01	....	60	2.1	0.8	0.83	10
East York Twp.	25.70	....	60	2.5	1.1	0.83	10
Elmira T	27.33	....	60	3.4	1.0	0.83	10
Elmvale	37.99	....	55	3.4	1.2	0.83	10
Elmwood	38.84	....	45	4.0	1.0	1.39	10
Elora	29.40	....	60	3.1	1.2	1.11	10
Embro	33.59	....	60	3.4	1.2	1.11	10
Erieau	45.37	....	60	3.8	1.1	1.39	10
Erie Beach	53.12	....	60	5.3	1.5	1.67	10
Essex T	29.05	....	60	2.5	0.9	0.83	10
Etobicoke Twp.	24.48	....	60	2.7	1.1	0.83	10
Exeter	29.62	....	60	3.0	0.9	0.83	10
Fergus	28.52	....	55	3.3	1.3	1.11	10
Finch	37.98	....	45	3.0	1.2	1.39	10
Flesherton	43.34	....	55	3.0	1.0	1.11	10
Fonthill	27.18	....	60	3.0	1.1	1.11	10
Forest T	35.60	....	60	3.5	0.9	1.11	10
Forest Hill	23.22	33–66	60	2.0	1.3	0.83	10
Fort William C	20.90	....	60	2.1	0.9	0.83	10
Frankford	.....	....	60	4.5	1.2	0.83	10
Galt C	23.93	....	60	2.8	0.8	0.83	10
Gamebridge	.....	....	45	5.5	1.2	1.67	10
Georgetown T	28.51	....	60	3.0	0.9	0.83	10
Geraldton Townsite	.....	....	60	3.7	1.2	1.11	10
Glencoe	42.12	....	60	4.0	0.9	1.11	10
Glen Williams	.....	33–66	60	2.7	1.1	0.83	10
Goderich T	33.06	....	55	3.3	1.0	0.83	10
Grand Valley	48.43	....	45	5.0	1.2	1.39	10
Granton	35.91	....	60	3.3	1.2	1.11	10
Gravenhurst T	24.49	....	55	2.2	0.9	0.83	10
Grimsby T	.....	....	60	3.5	1.1	0.83	10
Guelph C	23.80	....	60	2.0	0.8	0.83	10
Hagersville	27.90	....	60	2.5	1.0	0.83	10
Hamilton C	21.82	....	60	2.4	0.8	0.83	10
Hanover T	31.94	....	60	2.8	1.3	0.83	10

"E"—Continued

Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

Commercial Light service					Power service							
Service charge per 100 watts min. 1,000 watts	First 100 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount	Basis of rate 130 hours' monthly use of demand	Service charge per h.p. per month	First 50 hrs. per month per kw-hr.	Second 50 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum per h.p. per month	Local discount	Prompt payment discount
cents	cents	cents	$ c.	%	$ c.	$ c.	cents	cents	cents	$ c.	%	%
5.0	3.5	1.0	1.11	10	36.00	1.00	3.7	2.4	0.33	......	..	10
5.0	2.5	0.8	1.11	10	23.00	1.00	2.1	1.4	0.33	......	10	10
5.0	1.9	0.5	0.83	10	16.00	1.00	1.5	0.9	0.33	......	25	10
5.0	2.0	0.6	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
5.0	2.1	0.8	0.83	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	1.8	0.4	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	2.0	0.6	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	2.8	0.7	0.83	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	2.4	1.0	0.83	10	28.00	1.00	2.5	1.6	0.33	......	..	10
5.0	3.2	0.8	1.39	10	33.00	1.00	3.2	2.1	0.33	......	..	10
5.0	2.8	0.7	1.11	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	2.8	0.8	1.11	10	35.00	1.00	3.5	2.3	0.33	......	..	10
5.0	3.6	1.0	1.39	10	40.00	1.00	4.3	2.8	0.33	2.22	..	10
5.0	5.0	1.0	1.67	10	50.00	1.00	5.7	3.8	0.33	......	..	10
5.0	2.0	0.6	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	2.0	0.6	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	2.2	0.5	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	2.6	0.7	1.11	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	2.8	1.0	1.39	10	35.00	1.00	3.5	2.3	0.33	......	10	10
5.0	2.5	0.8	1.11	10	30.00	1.00	2.8	1.8	0.33	......	..	10
5.0	2.6	0.6	1.11	10	30.00	1.00	2.8	1.8	0.33	......	..	10
5.0	3.0	0.6	1.11	10	30.00	1.00	2.8	1.8	0.33	......	..	10
5.0	2.0	0.75	0.83	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	2.0	0.4	0.83	10	17.00	1.00	1.7	1.1	*0.33 0.133	....	25	10
5.0	3.5	1.0	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	2.3	0.4	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	4.8	0.8	1.67	10	34.00	1.00	3.4	2.2	0.33	......	..	10
5.0	2.0	0.5	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	3.5	1.0	1.66	10	30.00	1.00	2.8	1.8	0.43	......	..	10
5.0	3.1	1.0	1.11	10	34.00	1.00	3.4	2.2	0.33	......	..	10
5.0	2.8	0.75	0.83	10	30.00	1.00	2.8	1.8	0.33	......	25	10
5.0	2.7	0.6	0.83	10	25.00	1.00	2.0	1.3	0.33	......	..	10
5.0	4.3	1.0	1.39	10	33.00	1.00	3.2	2.1	0.33	......	..	10
5.0	2.6	1.0	1.11	10	27.00	1.00	2.3	1.5	0.33	......	..	10
5.0	1.8	0.5	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	3.2	0.7	0.83	10	28.00	1.00	2.5	1.6	0.33	......	..	10
5.0	1.6	0.3	0.83	10	14.00	1.00	1.1	0.7	0.33	......	25	10
5.0	2.0	0.75	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
†5.0	1.6	0.35	0.83	10	16.00	1.00	1.5	0.9	0.33	......	25	10
5.0	2.3	0.8	0.83	10	21.00	1.00	1.8	1.1	0.33	......	10	10

*0.33 cents per kw-hr. for the next 360 hours use plus 0.133 cents per kw-hr. for all additional

†Min. 500 watts.

STATEMENT

Cost of Power to Municipalities and Rates to Consumers for for the Year 1941, in Urban Municipalities

Municipality C—City T—Town (pop. 2,000 or more)	Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis	Domestic service					
		Service charge per month	First rate		All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount
			Number of kw-hrs. per month	Per kw-hr. per month			
	$ c.	cents		cents	cents	$ c.	%
Harriston T	35.85	....	55	3.0	1.0	1.11	10
Harrow T	31.44	....	60	3.3	1.0	0.83	10
Hastings	37.94	....	45	4.2	1.2	1.11	10
Havelock	43.09	....	50	3.5	1.2	0.83	10
Hensall	37.26	....	60	3.5	1.1	1.11	10
Hepworth	.....	33–66	40	6.0	2.0	1.67	10
Hespeler T	23.89	....	60	3.0	0.9	0.83	10
Highgate	35.46	....	60	3.2	0.9	1.11	10
Hislop Townsite	.....	33–66	50	6.0	1.5	1.94	10
Holstein	80.25	....	40	5.5	1.3	1.67	10
Hudson Townsite	.....	....	60	6.0	2.0	2.00	10
Humberstone	24.12	....	60	2.6	0.8	0.83	10
Huntsville T	28.36	....	60	2.0	0.9	0.83	10
Ingersoll T	25.15	....	60	2.4	0.9	0.83	10
Iroquois	26.69	33	60 60	3.0 2.0	1.0	0.83	10
Jarvis	33.45	....	60	3.4	1.0	1.11	10
Kearns Townsite	.....	33–66	50	6.0	2.0	1.94	10
Kemptville	33.87	....	55	3.5	1.2	0.83	10
Kincardine T	39.85	....	40	4.5	1.3	1.11	10
King Kirkland Townsite	.....	33–66	50	6.0	1.5	3.06	10
Kingston C	26.43	....	50	2.2	0.8	0.83	10
Kingsville T	30.61	....	60	2.8	0.9	0.83	10
Kirkfield	52.17	33–66	40	5.5	1.5	2.22	10
Kitchener C	23.30	....	60	2.3	1.0	0.83	10
Lakefield	32.51	....	50	3.6	1.2	0.83	10
Lambeth	33.37	....	60	3.0	1.0	1.11	10
Lanark	39.08	....	50	4.2	1.3	0.83	10
Lancaster	49.00	....	60	4.0	1.2	1.11	10
La Salle T	30.99	....	60	3.8	1.2	1.11	10
Leamington T	30.64	....	60	2.3	0.8	0.83	10
Leaside T	.....	*a*3	....	*b*1.8	1.0	0.83	10
Lindsay T	30.24	....	60	2.5	0.9	0.83	10
Listowel T	28.75	....	55	2.7	1.0	0.83	10
London C	23.55	....	60	2.4	0.9	0.83	10
London Twp.	26.88	....	60	2.9	1.0	1.11	10
Long Branch	24.52	....	60	2.5	1.1	0.83	10
Lucan	29.00	....	60	3.4	1.1	1.11	10
Lucknow	45.09	....	45	4.3	1.3	1.67	10
Lynden	29.94	....	60	3.4	1.1	1.39	10
Mac Tier	.....	33–66	40	5.0	2.0	1.66	10

*a*Service Charge per 100 sq. ft. floor area.
*b*First 3 kw-hrs. per 100 sq. ft.

"E"—Continued

Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

Commercial Light service					Power service							
Service charge per 100 watts min. 1,000 watts	First 100 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount	Basis of rate 130 hours' monthly use of demand	Service charge per h.p. per month	First 50 hrs. per month per kw-hr.	Second 50 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum per h.p. per month	Local discount	Prompt payment discount
cents	cents	cents	$ c.	%	$ c.	$ c.	cents	cents	cents	$ c.	%	%
5.0	2.6	0.7	1.11	10	25.00	1.00	2.0	1.3	0.33	......	..	10
5.0	2.6	0.7	0.83	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	3.8	1.0	1.11	10	37.00	1.00	3.8	2.5	0.33	......	..	10
5.0	3.2	1.0	0.83	10	32.00	1.00	3.1	2.0	0.33	......	..	10
5.9	3.1	1.0	1.11	10	26.00	1.00	2.2	1.4	0.33	......	..	10
5.0	6.0	1.0	1.67	10	45.00	1.00	4.9	3.3	0.33	......	..	10
5.0	2.2	0.6	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	2.8	0.7	1.11	10	29.00	1.00	2.6	1.7	0.33	......	..	10
5.0	6.0	1.5	3.06	10	....	......	......	......	......	......	..	..
5.0	5.0	0.8	1.67	10	50.00	1.00	5.7	3.8	0.33	......	..	10
5.0	6.0	2.0	*1.00	10	45.00	1.00	5.1	3.4	0.33	......	..	10
5.0	2.0	0.5	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	1.8	0.7	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	1.9	0.5	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
†33	‡5.0 3.0	1.0	0.83	10	25.00	1.00	2.0	1.3	0.33	......	..	10
5.0	2.6	0.7	1.11	10	26.00	1.00	2.2	1.4	0.33	......	..	10
5.0	6.0	2.0	3.06	10	50.00	1.00	5.7	3.8	0.33	......	..	10
5.0	2.8	1.0	0.83	10	27.00	1.00	2.3	1.5	0.33	......	..	10
5.0	3.5	0.9	1.11	10	28.00	1.00	2.5	1.6	0.33	......	..	10
5.0	6.0	1.5	3.89	10	....	......	......	......	......	......	..	..
5.0	1.6	0.5	0.83	10	16.00	1.00	1.5	0.9	0.33	......	25	10
5.0	1.9	0.6	0.83	10	23.00	1.00	2.1	1.4	0.33	......	10	10
5.0	5.5	1.0	2.22	10	40.00	1.00	4.3	2.8	0.33	......	..	10
5.0	2.0	0.6	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	2.8	1.0	0.83	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	2.6	0.8	1.11	10	25.00	1.00	2.0	1.3	0.33	......	..	10
5.0	3.7	1.0	0.83	10	45.00	1.00	4.9	3.3	0.33	......	..	10
5.0	4.2	1.0	1.11	10	56.00	1.00	6.6	4.4	0.33	......	..	10
5.0	3.3	1.0	1.11	10	30.00	1.00	2.8	1.8	0.33	......	..	10
5.0	1.8	0.5	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
c	3.0					*e*1.10			*f*1/3			
d	2/3	1/3	0.83	10	....	0.90	2.0	1.0	1/6	......	..	10
5.0	2.2	0.7	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	2.3	0.5	0.83	10	19.00	1.00	2.9	1.4	0.33	......	25	10
5.0	1.8	0.4	0.83	10	16.00	1.00	1.5	0.9	0.33	......	25	10
5.0	2.5	0.6	1.11	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	2.0	0.6	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	3.0	0.6	1.11	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	3.8	1.0	1.67	10	35.00	1.00	3.5	2.3	0.33	......	..	10
5.0	3.0	1.0	0.83	10	25.00	1.00	2.0	1.3	0.33	......	..	10
5.0	5.0	1.0	1.66	10	40.00	1.00	4.3	2.8	0.33	......	..	10

*Per 100 W., Min. $2.00, Max. $5.00. †Per service per month.

‡5c per kw-hr. for 1st 60 kw-hrs. plus 3c per kw-hr. for 2nd 60 kw-hrs.

*c*1st 80 hrs. use. *e*First 7.5 kilowatts $1.10 per kw. All additional 90c. per kw.

*d*2nd 80 hrs. use. *f*1/3c. per kw-hr., next 300 hrs. All additional 1/6c. per kw-hr.

STATEMENT

Cost of Power to Municipalities and Rates to Consumers for for the Year 1941, in Urban Municipalities

Municipality C—City T—Town (pop. 2,000 or more)	Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis	Domestic service					
		Service charge per month	First rate		All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount
			Number of kw-hrs. per month	Per kw-hr. per month			
	$ c.	cents		cents	cents	$ c.	%
Madoc	43.01	....	50	3.2	1.2	0.83	10
Markdale	35.07	....	55	3.1	1.1	1.11	10
Markham	29.13	....	60	3.0	1.0	0.83	10
Marmora	35.78	....	60	4.0	1.0	1.11	10
Martintown	34.64	....	50	3.0	1.0	1.11	10
Matachewan Townsite	.....	....	50	4.5	1.0	1.11	10
Maxville	44.91	....	55	4.5	1.2	1.11	10
Meaford T	36.24	....	60	3.0	1.1	0.83	10
Merlin	35.13	....	60	3.8	1.0	1.11	10
Merritton T	20.29	....	60	2.4	0.9	0.83	10
Midland T	31.35	....	60	2.5	1.0	0.83	10
Mildmay	39.30	....	40	3.6	1.0	1.39	10
Millbrook	34.80	33	60	5.5	1.5	0.83	10
Milton T	25.99	....	60	3.3	1.1	0.83	10
Milverton	28.89	....	60	2.7	1.0	0.90	10
Mimico T	23.30	....	60	2.7	1.1	0.83	10
Mitchell T	27.73	....	60	2.9	1.1	0.83	10
Moorefield	48.66	....	50	4.2	1.2	1.39	10
Mooretown Townsite	.....	33–66	50	6.0	2.0	3.00	10
Morrisburg	31.70	....	60	3.0	1.0	0.83	10
Mount Brydges	31.69	....	60	2.8	0.9	1.11	10
Mount Forest T	43.46	....	60	3.0	1.25	0.83	10
Napanee T	28.99	....	50	3.5	1.2	0.83	10
Neustadt	42.58	....	60	6.0	1.5	1.67	10
Newburgh	.....	33	60	5.0	2.0	1.66	10
Newbury	40.71	....	55	5.0	1.2	1.38	10
Newcastle	30.70	....	60	4.8	1.2	1.11	10
New Hamburg	27.55	....	60	3.3	1.1	0.83	10
New Toronto T	25.39	....	60	2.4	1.0	0.83	10
Niagara Falls C	17.71	....	60	2.2	0.8	0.83	10
Niagara-on-the-Lake T	21.39	....	60	2.6	1.0	0.83	10
Nipigon Twp.	24.44	....	60	3.0	1.0	1.11	10
Nipissing	.....	33	50	6.0	2.0	1.67	10
North Bay C	.....	....	60	3.3	1.3	0.83	10
North York Twp.	25.76	....	55	4.0	1.3	1.11	10
Norwich	28.28	....	60	2.8	0.9	0.83	10
Norwood	33.45	....	50	4.0	1.2	1.11	10
Oil Springs	34.65	....	60	2.6	0.9	1.11	10
Omemee	34.94	....	60	3.5	1.3	0.83	10
Orangeville T	41.37	....	55	3.0	1.0	1.11	10
Orono	34.62	....	60	5.5	1.5	1.11	10
Oshawa C	28.92	....	50	3.8	1.1	0.83	10
			60	2.0			
Ottawa C	15.47	33–66	60	1.0	0.5	0.83	10
Otterville	34.07	....	60	2.8	0.9	1.11	10
Owen Sound C	31.97	....	60	2.1	0.8	0.83	10

"E"—Continued

Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

Commercial Light service					Power service								
Service charge per 100 watts min. 1,000 watts	First 100 hrs per month per kw-hr.	All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount	Basis of rate 130 hours' monthly use of demand	Service charge per h.p. per month	First 50 hrs. per month per kw-hr.	Second 50 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum per h.p. per month	Local discount	Prompt payment discount
cents	cents	cents	$ c.	%	$ c.	$ c.	cents	cents	cents	$ c.	%	%
5.0	3.0	0.9	0.83	10	35.00	1.00	3.5	2.3	0.33	......	..	10
5.0	2.3	1.0	1.11	10	28.00	1.00	2.5	1.6	0.33	......	..	10
5.0	2.6	0.7	0.83	10	23.00	1.00	2.1	1.4	0.33	......	10	10
5.0	3.6	1.0	1.11	10	40.00	1.00	4.3	2.8	0.33	......	..	10
5.0	3.0	1.0	1.66	10	45.00	1.00	4.9	3.3	0.33	......	..	10
5.0	4.5	1.0	1.66	10	35.00	1.00	3.5	2.3	0.33	......	..	10
5.0	4.5	1.0	1.11	10	45.00	1.00	4.9	3.3	0.33	......	..	10
5.0	2.4	0.8	0.83	10	26.00	1.00	2.2	1.4	0.33	......	..	10
5.0	3.2	0.9	1.11	10	30.00	1.00	2.8	1.8	0.33	2.22	..	10
5.0	1.7	0.5	0.83	10	16.00	1.00	1.5	0.9	0.33	......	25	10
5.0	2.0	0.9	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
5.0	2.8	0.8	1.39	10	34.00	1.00	3.4	2.2	0.33	......	..	10
5.0	5.5	1.5	0.83	10	40.00	1.00	4.3	2.8	0.33	......	..	10
5.0	2.6	0.6	0.83	10	23.00	1.00	2.1	1.4	0.33	......	10	10
5.0	2.5	0.7	0.90	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	2.0	0.6	0.83	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	2.4	0.7	0.83	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	3.8	1.0	1.39	10	40.00	1.00	4.3	2.8	0.33	......	..	10
5.0	6.0	2.0	5.00	10	......	......	......	......	......	......	..	..
5.0	3.0	1.0	0.83	10	25.00	1.00	2.0	1.3	0.33	......	..	10
5.0	2.2	0.6	1.11	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	2.4	0.9	0.83	10	28.00	1.00	2.5	1.6	0.33	......	..	10
5.0	2.8	0.75	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	5.0	1.0	1.67	10	35.00	1.00	3.5	2.3	0.33	......	..	10
5.0	5.0	2.0	1.66	10	45.00	1.00	4.9	3.3	0.33	......	..	10
5.0	4.5	1.0	1.38	10	47.00	1.00	5.2	3.5	0.33	......	..	10
5.0	4.3	1.2	1.11	10	30.00	1.00	2.8	1.8	0.33	......	..	10
5.0	2.4	0.7	0.83	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	1.8	0.5	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	1.6	0.35	0.83	10	15.00	1.00	1.3	0.8	0.33	......	25	10
5.0	2.2	0.5	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	2.4	0.8	1.11	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	6.0	1.0	1.67	10	......	......	......	......	......	......	..	..
5.0	3.1	0.8	0.83	10	25.00	1.00	2.0	1.3	0.33	......	..	10
5.0	3.3	0.7	1.11	10	26.00	1.00	2.2	1.4	0.33	......	..	10
5.0	2.2	0.6	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	3.6	1.0	1.11	10	38.00	1.00	4.0	2.6	0.33	......	..	10
5.0	2.4	0.6	1.11	10	27.00	1.00	2.3	1.5	0.33	......	..	10
5.0	3.5	1.0	0.83	10	30.00	1.00	2.8	1.8	0.33	......	..	10
5.0	2.0	0.8	1.11	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	5.5	1.5	1.11	10	40.00	1.00	4.3	2.8	0.33	......	..	10
5.0	2.8	0.8	0.83	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	2.1	0.5	0.83	10	18.00	1.00	1.8	1.2	0.15	......	15&10	10
5.0	2.5	0.6	1.11	10	26.00	1.00	2.2	1.4	0.33	......	..	10
5.0	1.8	0.7	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10

STATEMENT

Cost of Power to Municipalities and Rates to Consumers for for the Year 1940, in Urban Municipalities

Municipality C—City T—Town (pop. 2,000 or more)	Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis	Domestic service					
		Service charge per month	First rate		All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount
			Number of kw-hrs. per month	Per kw-hr. per month			
	$ c.	cents		cents	cents	$ c.	%
Paisley	43.60	....	45	5.0	1.0	1.39	10
Palmerston T	31.59	....	60	2.7	1.1	1.11	10
Paris T	24.19	....	60	2.3	0.9	0.83	10
Parkhill T	44.78	....	60	3.8	1.0	1.11	10
Penetanguishene T	33.90	....	55	3.2	1.1	0.83	10
Perth T	26.59	....	55	2.8	1.0	0.83	10
Peterborough C	25.71	....	55	2.7	1.2	0.83	10
Petrolia T	31.02	....	60	2.7	0.8	0.83	10
Picton T	34.80	....	60	2.8	1.0	0.83	10
Plattsville	38.04	....	60	3.8	1.1	1.11	10
Point Edward	30.85	....	60	3.2	1.0	0.83	10
Port Arthur C	20.51	....	50	2.0	0.8	0.83	10 & 10
Port Carling	.....	33–66	45	4.7	1.5	1.66	10
Port Colborne T	23.95	....	60	3.0	1.0	0.83	10
Port Credit	26.10	....	60	2.5	1.0	0.83	10
Port Dalhousie	23.87	....	60	2.6	1.0	0.83	10
Port Dover	31.09	....	60	2.5	0.9	0.83	10
Port Elgin	38.65	33–66	40	2.5	1.2	1.11	10
Port Hope T	29.87	....	60	2.4	0.9	0.83	10
Port McNicoll	36.85	....	50	4.0	1.5	0.83	10
Port Perry	42.91	....	50	4.0	1.2	1.11	10
Port Rowan	38.14	....	60	3.2	1.1	1.39	10
Port Stanley	30.66	....	60	3.1	1.0	0.83	10
Powassan T	.....	33	40	5.0	2.0	1.11	10
Prescott T	27.14	....	60	2.5	1.1	0.83	10
Preston T	23.63	....	60	2.6	0.8	0.83	10
Priceville	45.36	33–66	60	6.0	1.5	1.67	10
Princeton	39.72	....	60	3.3	1.2	1.67	10
Queenston	21.18	....	60	3.0	1.3	1.11	10
Ramore-Matheson	.....	....	50	6.0	1.5	2.22	10
Red Lake Townsite	.....	....	55	4.8	1.2	1.00	10
Richmond	41.66	....	35	5.0	1.5	1.67	10
Richmond Hill	27.26	33–66	60	2.0	0.8	0.83	10
Ridgetown T	29.95	....	60	2.3	0.8	0.83	10
Ripley	54.59	....	55	6.0	1.5	1.67	10
Riverside T	29.17	....	60	3.7	1.1	0.83	10
Rockwood	30.60	....	60	3.3	1.1	1.11	10
Rodney	39.45	....	60	2.6	0.8	0.83	10
Rosseau	72.85	† 33	....	6.0	2.0	†2.22	10
Russell	43.22	....	55	4.8	1.2	1.39	10

"E"—Continued

Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

Commercial Light service					Power service							
Service charge per 100 watts min. 1,000 watts	First 100 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount	Basis of rate 130 hours' monthly use of demand	Service charge per h.p. per month	First 50 hrs. per month per kw-hr.	Second 50 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum per h.p. per month	Local discount	Prompt payment discount
cents	cents	cents	$ c.	%	$ c.	$ c.	cents	cents	cents	$ c.	%	%
5.0	4.4	1.0	1.39	10	42.00	1.00	4.6	3.0	0.33	......	..	10
5.0	2.2	0.9	1.11	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	1.8	0.4	0.83	10	16.00	1.00	1.5	0.9	0.33	......	25	10
5.0	3.6	0.9	1.11	10	32.00	1.00	3.1	2.0	0.33	......	..	10
5.0	2.8	0.8	0.83	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	2.0	0.6	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
5.0	2.3	0.9	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	2.1	0.5	0.83	10	23.00	1.00	2.1	1.4	0.33	......	10	10
5.0	2.0	0.8	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	3.2	1.0	1.11	10	32.00	1.00	3.1	2.0	0.33	2.00	..	10
5.0	2.4	0.6	0.83	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	1.8	0.3	0.83	10 & 10	17.00	1.00	1.7	1.1	*0.33 0.133	....	25	10
5.0	4.5	0.8	1.66	10	32.00	1.00	3.1	2.0	0.33	......	..	10
5.0	2.5	0.6	0.83	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	2.0	0.7	0.83	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	2.0	0.6	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
5.0	2.1	0.8	0.83	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	2.5	0.8	1.11	10	26.00	1.00	2.2	1.4	0.33	......	..	10
5.0	2.2	0.6	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	3.5	1.0	0.83	10	35.00	1.00	3.5	2.3	0.33	......	..	10
5.0	3.2	1.0	1.11	10	28.00	1.00	2.5	1.6	0.33	......	..	10
5.0	3.0	0.9	1.39	10	32.00	1.00	3.1	2.0	0.33	......	..	10
5.0	2.4	0.6	0.83	10	28.00	1.00	2.5	1.6	0.33	......	..	10
5.0	5.0	1.0	1.11	10	40.00	1.00	4.3	2.8	0.33	......	..	10
5.0	2.2	1.0	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	2.1	0.5	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
5.0	6.0	1.0	1.67	10	40.00	1.00	4.3	2.8	0.33	......	..	10
5.0	3.0	1.0	1.67	10	26.00	1.00	2.2	1.4	0.33	......	..	10
5.0	2.8	1.0	1.11	10	25.00	1.00	2.0	1.3	0.33	......	..	10
5.0	6.0	1.5	2.78	10	40.00	1.00	4.3	2.8	0.33	......	..	10
5.0	3.8	1.2	1.50	10	33.00	1.00	3.2	2.1	0.33	......	..	10
5.0	5.0	1.0	1.67	10	45.00	1.00	4.9	3.3	0.33	......	..	10
5.0	2.0	0.5	0.83	10	22.00	1.00	1.9	1.3	0.33	......	10	10
5.0	1.8	0.5	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	5.0	1.0	1.67	10	50.00	1.00	5.7	3.8	0.33	......	..	10
5.0	2.6	0.7	0.83	10	25.00	1.00	2.0	1.3	0.33	......	..	10
5.0	2.5	0.7	1.11	10	32.00	1.00	3.1	2.0	0.33	......	..	10
5.0	2.3	0.5	0.83	10	25.00	1.00	2.0	1.3	0.33	......	..	10
5.0	6.0	2.0	†2.22	10	50.00	1.00	5.7	3.8	0.33	......	..	10
5.0	4.5	1.0	1.39	10	50.00	1.00	5.7	3.8	0.33	......	..	10

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*0.33c. per kw-hr. for next 360 hours' use plus 0.133c. per kw-hr. for all additional.
†According to consumers' demand.

STATEMENT

Cost of Power to Municipalities and Rates to Consumers for for the Year 1941, in Urban Municipalities

Municipality C—City T—Town (pop. 2,000 or more)	Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis	Domestic service					
		Service charge per month	First rate		All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount
			Number of kw-hrs. per month	Per kw-hr. per month			
	$ c.	cents		cents	cents	$ c.	%
St. Catharines C	20.32	....	45–60	2.3	0.9	0.83	10
St. Clair Beach	34.26	....	60	4.2	1.3	1.67	10
St. George	34.70	....	60	3.2	1.1	1.11	10
St. Jacobs	26.45	....	60	2.8	1.0	0.83	10
St. Marys . . . . T	28.80	....	60	3.1	1.0	0.83	10
St. Thomas C	24.34	....	60	2.4	0.8	0.83	10
Sarnia C	27.76	....	60	2.5	0.8	0.83	10
Scarborough Twp	25.35	....	60	2.8	1.0	0.83	10
Seaforth . . . . T	29.59	....	60	2.9	1.1	0.83	10
Shelburne	40.80	....	50	3.8	1.0	1.11	10
Simcoe . . . . T	25.69	....	60	2.2	0.8	0.83	10
Sioux Lookout . . . . T	.....	....	60	6.0	2.0	2.00	10
Smiths Falls . . . . T	25.31	....	55	3.0	1.0	0.83	10
Smithville	32.54	....	60	3.8	1.3	1.11	10
Southampton . . . . T	37.28	....	40	3.6	1.2	1.11	10
Springfield	35.67	....	60	3.6	1.1	1.11	10
Stamford Twp	17.79	....	60	3.0	1.0	0.83	10
Stayner . . . . T	36.56	....	55	3.0	1.1	0.83	10
Stirling	26.39	....	60	2.5	1.0	0.83	10
Stoney Creek	.....	....	60	3.5	1.1	0.83	10
Stouffville	33.51	....	60	2.8	1.0	0.83	10
Stratford C	24.87	....	60	2.8	0.9	0.83	10
Strathroy . . . . T	27.07	....	60	2.6	0.8	0.83	10
Streetsville	28.11	....	55	3.5	1.0	0.83	10
Sudbury C	.....	....	55	2.7	1.2	0.83	10
Sunderland	47.40	....	45	4.7	1.2	1.39	10
Sutton	36.68	....	50	4.0	1.3	1.11	10
Swansea	25.73	....	60	2.5	1.2	0.83	10
Tara	41.19	....	40	4.5	1.8	1.11	10
Tavistock	28.30	....	60	3.0	1.0	0.83	10
Tecumseh . . . . T	31.77	....	60	4.0	1.1	1.11	10
Teeswater	44.33	....	50	5.0	1.3	1.39	10
Thamesford	31.63	....	60	2.7	0.9	1.11	10
Thamesville	31.24	....	60	2.5	0.8	0.83	10
Thedford	46.44	....	55	5.0	1.2	1.11	10
Thorndale	38.04	....	60	4.2	1.2	1.11	10
Thornton	50.89	....	60	6.0	1.5	1.67	10
Thorold . . . . T	21.32	....	60	2.2	0.8	0.83	10
Tilbury . . . . T	30.22	....	60	2.2	0.8	0.83	10
Tillsonburg . . . . T	26.65	....	60	2.3	0.8	0.83	10

"E"—Continued

Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

Commercial Light service					Power service							
Service charge per 100 watts min. 1,000 watts	First 100 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount	Basis of rate 130 hours' monthly use of demand	Service charge per h.p. per month	First 50 hrs. per month per kw-hr.	Second 50 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum per h.p. per month	Local discount	Prompt payment discount
cents	cents	cents	$ c.	%	$ c.	$ c.	cents	cents	cents	$ c.	%	%
†5.0	1.6	1/3	0.83	10	15.00	1.00	1.3	0.8	0.33	......	25	10
5.0	4.3	1.0	1.67	10	35.00	1.00	3.5	2.3	0.33	......	..	10
5.0	2.7	0.6	1.11	10	26.00	1.00	2.2	1.4	0.33	......	..	10
5.0	2.4	0.7	0.83	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	2.5	0.8	0.83	10	23.00	1.00	2.1	1.4	0.33	......	10	10
5.0	1.7	0.3	0.83	10	15.00	1.00	1.3	0.8	0.33	......	25	10
5.0	1.9	0.4	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	2.2	0.5	0.83	10	23.00	1.00	2.1	1.4	0.33	......	10	10
5.0	2.2	0.7	0.83	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	2.5	0.9	1.11	10	23.00	1.00	2.1	1.4	0.33	......	10	10
5.0	1.8	0.4	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	6.0	2.0	*1.00	10	40.00	1.00	4.3	2.8	0.33	......	..	10
5.0	2.0	0.5	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	3.3	1.0	1.11	10	30.00	1.00	2.8	1.8	0.33	......	..	10
5.0	2.8	0.8	1.11	10	25.00	1.00	2.0	1.3	0.33	......	..	10
5.0	3.0	1.0	1.11	10	34.00	1.00	3.4	2.2	0.33	......	..	10
5.0	2.0	0.5	0.83	10	16.00	1.00	1.5	0.9	0.33	......	25	10
5.0	2.3	0.9	0.83	10	23.00	1.00	2.1	1.4	0.33	......	10	10
5.0	2.0	1.0	0.83	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	3.2	0.7	0.83	10	27.00	1.00	2.3	1.5	0.33	......	..	10
5.0	2.5	0.7	0.83	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	2.0	0.4	0.83	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	2.0	0.5	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	2.5	0.7	0.83	10	25.00	1.00	2.0	1.3	0.33	......	..	10
5.0	3.0	1.0	0.83	10	28.00	1.00	2.5	1.6	0.33	......	..	10
5.0	4.0	1.0	1.39	10	35.00	1.00	3.5	2.3	0.33	......	..	10
5.0	3.7	1.0	1.11	10	34.00	1.00	3.4	2.2	0.33	......	..	10
5.0	2.0	0.75	0.83	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	3.6	0.8	1.11	10	36.00	1.00	3.7	2.4	0.33	......	..	10
5.0	2.3	0.7	0.83	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	3.2	0.7	1.11	10	26.00	1.00	2.2	1.4	0.33	......	..	10
5.0	4.0	1.0	1.39	10	40.00	1.00	4.3	2.8	0.33	......	..	10
5.0	2.1	0.6	1.11	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	1.9	0.5	0.83	10	23.00	1.00	2.1	1.4	0.33	......	10	10
5.0	4.6	1.0	1.11	10	48.00	1.00	5.4	3.6	0.33	......	..	10
5.0	3.2	0.9	1.11	10	35.00	1.00	3.5	2.3	0.33	......	..	10
5.0	5.5	1.0	1.67	10	40.00	1.00	4.3	2.8	0.33	......	..	10
5.0	1.6	0.35	0.83	10	16.00	1.00	1.5	0.9	0.33	......	25	10
5.0	1.7	0.4	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
5.0	1.8	0.4	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10

†Min. 500 watts.
*$1.00 per 100 watts. Min. $2.00. Max. $5.00.

STATEMENT

Cost of Power to Municipalities and Rates to Consumers for for the Year 1941, in Urban Municipalities

Municipality C—City T—Town (pop. 2,000 or more)	Annual cost to the Commission on the works to serve electrical energy to municipality on a horse power basis	Domestic service					
		Service charge per month	First rate		All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount
			Number of kw-hrs. per month	Per kw-hr. per month			
	$ c.	cents		cents	cents	$ c.	%
Toronto C	22.49	*a*3	. . . .	*b*1.8	1.0	0.83	10
Toronto Twp.	25.89	. . . .	60	2.9	1.0	1.11	10
Tottenham	61.35	. . . .	35	5.5	1.5	1.67	10
Trafalgar Twp. Area 1.	27.25	. . . .	60	3.1	1.7	*0.83 †2.22	10
Trafalgar Twp. Area 2.	29.87	. . . .	60	3.6	1.2	1.11	10
Trenton . . . . T	24.42	. . . .	50	3.0	1.0	0.83	10
Tweed	42.86	. . . .	50	4.0	1.2	1.11	10
Uxbridge . . . . T	42.29	. . . .	50	3.6	1.2	1.11	10
Victoria Harbour	36.82	. . . .	60	2.8	1.0	1.11	10
Walkerton . . . . T	32.29	. . . .	50	3.6	1.1	1.11	10
Wallaceburg . . . . T	28.61	. . . .	60	2.6	0.8	0.83	10
Wardsville	42.03	. . . .	60	5.5	1.5	1.39	10
Warkworth	34.44	. . . .	50	4.0	1.2	1.11	10
Waterdown	25.93	. . . .	60	2.5	1.0	0.83	10
Waterford	26.71	. . . .	60	2.4	0.9	0.83	10
Waterloo . . . . T	23.55	. . . .	60	2.3	0.9	0.83	10
Watford	35.52	. . . .	60	3.3	1.0	1.11	10
Waubaushene	34.96	. . . .	55	3.0	1.0	1.11	10
Welland C	18.91	. . . .	60	2.4	0.9	0.83	10
Wellesley	32.72	. . . .	50	3.5	1.1	1.11	10
Wellington	35.50	33–66	50	2.5	1.25	0.83	10
West Lorne	33.89	. . . .	60	2.8	0.8	0.83	10
Weston . . . . T	23.60	. . . .	60	2.4	0.9	0.83	10
Westport	49.14	. . . .	45	5.0	1.5	1.94	10
Wheatley	39.25	. . . .	60	3.4	1.0	0.83	10
Whitby . . . . T	28.84	. . . .	60	2.8	1.0	0.83	10
Wiarton . . . . T	45.70	. . . .	50	3.2	1.0	1.39	10
Williamsburgh	29.40	. . . .	60	2.0	0.8	0.83	10
Winchester	29.80	. . . .	60	2.4	1.2	0.83	10
Windermere	45.76	‡33	. . . .	5.0	1.5	†2.22	10
Windsor C	25.64	. . . .	60	3.1	0.8	0.83	10
Wingham . . . . T	41.60	. . . .	50	3.2	1.1	1.11	10
Woodbridge	26.71	. . . .	60	3.0	1.1	0.83	10
Woodstock C	24.20	. . . .	60	2.4	0.8	0.83	10
Woodville	45.79	. . . .	50	3.8	1.0	1.11	10
Wyoming	40.61	. . . .	60	3.3	0.9	1.11	10
York Twp.	24.99	33–66	60	2.0	1.3	0.83	10
Zurich	40.04	. . . .	60	4.0	1.0	1.11	10

*a*Service Charge per 100 sq. ft. floor area.
*b*Per kw-hr. for 1st. 3 kw-hrs. per 100 sq. ft.
*Under 10 kw. $0.83 Min. Bill. †Over 10 kw. $2.22 Min. Bill.
‡According to consumers' demand.

"E"—Concluded

Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

Commercial Light service					Power service							
Service charge per 100 watts min. 1,000 watts	First 100 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum gross monthly bill	Prompt payment discount	Basis of rate 130 hours' monthly use of demand	Service charge per h.p. per month	First 50 hrs. per month per kw-hr.	Second 50 hrs. per month per kw-hr.	All additional per kw-hr.	Minimum per h.p. per month	Local discount	Prompt payment discount
cents	cents	cents	$ c.	%	$ c.	$ c.	cents	cents	cents	$ c.	%	%
c	3 2.3	1.3	0.83	10	*d*	D.C. A.C.	3.0 2.0	1.2 1.0	*e*.0.6 1/3 1/6	....	.. ..	10 10
5.0	2.2	0.6	1.11	10	22.00	1.00	1.9	1.3	0.33	......	10	10
10.0	5.0	1.0	1.67	10	35.00	1.00	3.5	2.3	0.33	......	..	10
5.0	2.8	0.7	0.83	10	28.00	1.00	2.5	1.6	0.33	......	..	10
5.0	2.8	0.7	1.11	10	28.00	1.00	2.5	1.6	0.33	......	..	10
5.0	2.6	0.8	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	3.5	1.0	1.11	10	30.00	1.00	2.8	1.8	0.33	......	..	10
5.0	3.0	0.9	1.11	10	28.00	1.00	2.5	1.6	0.33	......	..	10
5.0	2.2	0.8	1.11	10	30.00	1.00	2.8	1.8	0.33	......	..	10
5.0	2.4	0.9	1.11	10	28.00	1.00	2.5	1.6	0.33	......	..	10
5.0	2.0	0.5	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	5.0	1.0	1.39	10	42.00	1.00	4.6	3.0	0.33	......	..	10
5.0	3.0	1.0	1.11	10	32.00	1.00	3.1	2.0	0.33	......	..	10
5.0	2.0	0.5	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	1.9	0.6	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
5.0	1.9	0.4	0.83	10	18.00	1.00	1.9	1.2	0.33	......	25	10
5.0	2.9	0.9	1.11	10	30.00	1.00	2.8	1.8	0.33	......	..	10
5.0	2.2	1.0	1.11	10	33.00	1.00	3.2	2.1	0.33	......	..	10
5.0	1.8	0.4	0.83	10	16.00	1.00	1.5	0.9	0.33	......	25	10
5.0	3.5	1.0	1.11	10	26.00	1.00	2.2	1.4	0.33	......	..	10
5.0	2.5	1.0	0.83	10	34.00	1.00	3.4	2.2	0.33	......	..	10
5.0	2.3	0.5	0.83	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	1.6	0.4	0.83	10	17.00	1.00	1.7	1.1	0.33	......	25	10
5.0	5.0	1.0	1.94	10	45.00	1.00	4.9	3.3	0.33	......	..	10
5.0	3.0	0.9	0.83	10	30.00	1.00	2.8	1.8	0.33	......	..	10
5.0	2.3	0.6	0.83	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	3.3	0.8	1.39	10	35.00	1.00	3.5	2.3	0.33	......	..	10
5.0	2.0	0.8	0.83	10	32.00	1.00	3.1	2.0	0.33	......	..	10
5.0	2.0	0.8	0.83	10	24.00	1.00	2.3	1.5	0.33	......	10	10
5.0	5.0	1.5	†2.22	10	45.00	1.00	4.9	3.3	0.33	......	..	10
5.0	2.4	0.6	0.83	10	20.00	1.00	1.6	1.0	0.33	......	10	10
5.0	2.6	0.8	1.11	10	28.00	1.00	2.5	1.6	0.33	......	..	10
5.0	2.4	0.6	0.83	10	19.00	1.00	2.0	1.4	0.33	......	25	10
5.0	1.8	0.4	0.83	10	16.00	1.00	1.5	0.9	0.33	......	25	10
5.0	2.8	0.8	1.11	10	28.00	1.00	2.5	1.6	0.33	......	..	10
5.0	3.0	0.8	1.11	10	32.00	1.00	3.1	2.0	0.33	......	..	10
5.0	2.0	0.75	0.83	10	21.00	1.00	1.8	1.1	0.33	......	10	10
5.0	3.7	0.9	1.11	10	40.00	1.00	4.3	2.8	0.33	......	..	10

*c*First 80 hours' use—3c. per kw-hr. Next 80 hours' use 2.3c. per kw-hr.

*d*D.C. service charge $1.50 per kw. per month for 1st 7½ kw. plus $1.05 per kw. for all additional demand.

A.C. service charge $1.10 per kw. per month for 1st 7½ kw. plus $0.90 per kw. for all additional demand.

*e*1/3c. per kw-hr. for next 300 hours' use plus 1/6c. per kw-hr. for all additional.

APPENDIX I

ACTS

CHAPTER 43

An Act to amend The Power Commission Insurance Act.

Assented to April 9th, 1941.
Session Prorogued April 9th, 1941.

HIS MAJESTY, by and with the advice and consent of the Legislative Assembly of the Province of Ontario, enacts as follows:

1.—Section 2 of *The Power Commission Insurance Act* is amended by adding thereto the following subsection: Rev. Stat., c. 67, s. 2, amended.

(3) Notwithstanding anything contained in subsection 1 or in any agreement made thereunder, the Commission, with the approval of the Lieutenant-Governor in Council, may enter into further agreements with any such insurance corporation varying, adding to or modifying as the Commission may deem necessary or advisable any agreement entered into under subsection 2 or this subsection and each such further agreement shall be legal, valid and binding upon each municipal authority on behalf of which it is entered into and upon the successors and assigns of such municipal authority. Power to amend.

2.—This Act shall come into force on the day upon which it receives the Royal Assent. Commencement of Act.

3.—This Act may be cited as *The Power Commission Insurance Amendment Act, 1941.* Short title.

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PROVINCIAL AUDITOR'S REPORT

1940-41

PRINTED BY ORDER OF
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ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1942

TO THE HONOURABLE ALBERT MATTHEWS,
Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to present to Your Honour the Report of the Provincial Auditor for the year ended March 31st, 1941.

Respectfully submitted,
M. F. HEPBURN,
Treasurer.

Treasury Department, Ontario.
January 8th, 1942.

Provincial Auditor's Office,
January 8th, 1942.

To The Honourable M. F. Hepburn,
Provincial Treasurer.

Sir:

I have the honour to submit, for the information of the Legislative Assembly, my report for the year ended March 31st, 1941, in accordance with the requirements of The Audit Act.

Respectfully submitted,
H. A. Cotnam, C.A.,
Provincial Auditor.

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(A)

LEGAL OPINION

Re EXPENSES OF LAND TITLES OFFICE

Toronto, October 28th, 1940.

Mr. C. L. Snyder,
Deputy Attorney-General,
Parliament Buildings,
Toronto.

Dear Sir:

The following question has been raised with respect to expenses of the Land Titles Office which are paid by the Province of Ontario out of revenue received under The Land Titles Act:

> Are contributions by the Province of Ontario to the Ontario Public Service Superannuation Fund, on behalf of officials of the Land Titles Office, as required by R.S.O. 1937, Cap. 15, Sec. 33, to be construed as expenses of the Land Titles Office under R.S.O. 1937, Cap. 174, Sec. 152?

I would appreciate an expression of your opinion on this matter.

Yours very truly,

H. A. COTNAM,
Provincial Auditor.

DEPARTMENT OF THE ATTORNEY-GENERAL
OF ONTARIO

MEMO FROM C. P. Hope, Esq., K.C. SUBJECT Land Titles Office Expense.

To H. A. Cotnam, Esq.,
Provincial Auditor. DATE December 2nd, 1940.

You have written asking for the opinion of this department as to whether contributions by the Province of Ontario to the Public Service Fund, on behalf of officials of the Land Titles Office, can be considered as an expense under The Land Titles Act, R.S.O., 1937, Ch. 174, Sec. 152.

After some consideration of the matter, I have come to the conclusion that the contributions made by the Province under The Public Service Act cannot be considered as an expense of the Land Titles Office.

If you will examine Section 49 (1) of The Public Service Act, you will find that the contributions made by the Government to the Superannuation Fund are to be a charge upon and shall be payable out of the Consolidated Revenue Fund.

The only problem then is as to whether the Province would be entitled to be reimbursed on the supposition that the contribution made by the Province was an expense. Section 150 (2) of The Land Titles Act indicates that the expenses referred to there are expenses for things necessary to the proper conduct of the business of the office. I do not think that the contribution made by the Province would come under this head. I think that it would be necessary, if this result were desired, to amend The Land Titles Act in such a way to make such contributions an expense within the meaning of that Act.

C. P. HOPE.

(B)

TREASURY BOARD MINUTES

(B)

TREASURY BOARD MINUTES

STATEMENT OF TREASURY BOARD MINUTES ISSUED FOR EXPENDITURES IN EXCESS OF APPROPRIATIONS, DURING THE FISCAL YEAR ENDED MARCH 31st, 1941

Department of Agriculture

	Warrant	Expended
Main Office:		
Administration, etc., *re* Corn Borer Control Act	$ 330 00	$ 330 00
Statistics and Publications Branch:		
Salaries	50 00	50 00
Agricultural and Horticultural Societies Branch:		
Field Crop Competitions, Prizes and Expenses	6,822 00	5,982 45
Live Stock Branch:		
Services and Expenses *re* Stallion Enrolment Act, etc.	9,180 00	8,559 89
Institutes Branch:		
Salaries	93 75	76 01
Fruit Branch:		
Horticultural Experiment Station, Vineland—Services, Travelling and Other Expenses	715 00	708 99
Agricultural Representatives Branch:		
Salaries	25 00	25 00
Crops, Seeds and Weeds Branch:		
Salaries	105 00	102 85
Demonstrations, Purchase of Seed and Equipment, Services, etc., Enforcement of Weed Control Act and Crop Improvement Work	500 00	246 27
Grants—District and County Seed Fairs and Seed Growers' Associations, etc.	1,500 00	1,497 10
Co-operation and Markets Branch:		
Maintenance	250 00	143 57
Kemptville Agricultural School:		
General Office—Salaries	169 11	104 11
Western Ontario Experimental Farm, Ridgetown:		
Purchase of Stock and Equipment, etc.	840 00	837 45
Demonstration Farm, Hearst:		
Maintenance, Wages, etc., Equipment and Miscellaneous Expenses	400 00	304 28
Northern Ontario Branch:		
Salaries	31 25	31 25
Ontario Agricultural College, Guelph:		
General Offices—Salaries	25 00	22 46

Department of Attorney-General

	Warrant	Expended
Main Office:		
Travelling Expenses	1,000 00	308 98
Supreme Court of Ontario:		
Salaries—Judges' Staff	10 00	6 25
Master's Office—Salaries	500 00	125 00
Registrar's Office—Maintenance	1,500 00	1,388 54
Public Trustee's Office:		
Maintenance	4,000 00	3,659 44
Official Guardian's Office:		
Salaries	2,000 00	1,406 67
Fire Marshal's Office:		
Travelling Expenses	100 00	59 04
Inspector of Legal Offices:		
Inspector's Office—Salaries	4,000 00	2,969 97
Judicial Offices in Districts—Office Equipment, Forms, etc., and General Maintenance	300 00	287 06
Law Enforcement Branch:		
Ontario Provincial Police—		
Salaries	29,500 00	28,645 83
Maintenance	15,500 00	15,497 39
Ontario Securities Commission:		
Salaries	8,000 00	7,952 35
Travelling Expenses	1,500 00	996 78

Department of Education

	WARRANT	EXPENDED
Main Office:		
Maintenance	$ 1,000 00	$ 323 65
Consolidation and Revision of Education Acts, etc	50 00	39 63
Compensation for Injured Workmen	200 00	183 45
Public and Separate School Education:		
Public and Separate Schools—Grants, etc	350,000 00	305,258 14
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Grants to Boards for Transportation of Pupils	22,500 00	22,351 73
Consolidated Schools—Grants, etc	1,000 00	930 94
Industrial Arts, Manual Training and Household Science—Grants, etc	1,500 00	1,203 93
Continuation Schools—Grants, etc	16,500 00	13,327 65
Fifth Classes—Grants, etc	11,000 00	10,643 14
Courses in Music—Grants, etc	6,000 00	5,558 71
Visual Instruction—Grants, etc	30 00	26 44
Inspection of Schools Branch:		
Travelling and Moving Expenses of Inspectors, etc	8,000 00	6,783 89
High Schools and Collegiate Institutes Branch:		
High Schools and Collegiate Institutes, including Districts—Grants	70,000 00	63,992 43
Vocational Education Branch:		
Day and Evening Classes	220,000 00	216,936 50
Ontario School for the Blind, Brantford:		
Maintenance	1,600 00	1,553 94

Department of Health

Main Office:		
Grants to Hospitals *re* Cancer Clinics—Ottawa General Hospital	2,500 00	2,500 00
Maternal and Child Hygiene, etc., Branch:		
Travelling Expenses	500 00	51 41
Inspection of Training School for Nurses Branch:		
Maintenance	1,000 00	394 87
Epidemiological Branch:		
Salaries	200 00	73 19
Maintenance	500 00	477 28
Venereal Diseases Branch:		
Salaries	2,000 00	1,516 00
Maintenance	10,000 00	9,134 27
Tuberculosis Prevention Branch:		
Belleville Unit—Salaries	200 00	176 25
North Bay Unit—Salaries	700 00	602 65
Industrial Hygiene Branch:		
Maintenance	10,000 00	465 35
Laboratory Branch:		
Maintenance	30,000 00	15,611 45
Laboratory Divisions:		
Fort William—Maintenance	1,800 00	319 64
North Bay—Maintenance	1,500 00	313 70
Western University, London—Maintenance	500 00	323 48
Grants—Public Health Laboratory, Peterborough, for Equipment, Maintenance and Supplies	300 00	102 20
Hospitals Branch:		
Grants, etc.—		
Hospitals for Incurables	35,000 00	34,334 20
Travelling and Incidental Expenses for Removal of Indigent Patients, etc	700 00	671 97
Special Grants to Municipalities in Territorial Districts	5,793 83	5,793 83
General Expenses—Ontario Hospitals—		
Board of Examiners, Training School for Nurses	250 00	246 95
Printing and Stationery	5,000 00	3,645 03
Grants to Schools for Education of Children of Ontario Hospitals' Staff	1,500 00	641 92
Unforeseen and Unprovided	3,500 00	2,421 95

Hospitals Branch (Cont'd):	WARRANT	EXPENDED
Ontario Hospitals—		
Brockville—Maintenance	$ 14,000 00	$ 13,831 14
Fort William—Maintenance	11,000 00	7,651 82
Hamilton—Maintenance	66,000 00	52,115 44
Kingston—Maintenance	22,000 00	18,026 77
Langstaff—Salaries	9,000 00	8,784 43
London—Maintenance	46,000 00	37,941 83
New Toronto—Maintenance	20,000 00	13,834 23
Orillia Hospital School—Maintenance	14,600 00	12,616 66
Penetanguishene—Maintenance	14,000 00	13,857 50
Toronto—Maintenance	48,000 00	40,408 03
Woodstock—Salaries	25,000 00	23,464 56
" Maintenance	30,000 00	18,616 66

Department of Insurance

Main Office:		
Maintenance	500 00	481 08

Department of Labour

Apprenticeship Branch:		
Travelling Expenses	102 00	101 18
Boiler Inspection Branch:		
Salaries	37 46	37 46
Maintenance	500 00	425 53
Board of Examiners of Operating Engineers:		
Maintenance	200 00	194 30
Ontario Government Employment Offices:		
Salaries	9,000 00	7,829 07
Administration Expenses Recoverable from Dominion Gov't.	5,000 00	4,886 95

Department of Lands and Forests

Main Office:		
General—Annuities and Bonuses to Indians under Treaty No. 9.	108 00	108 00
Compensation for Injured Workmen	1,500 00	921 36
Forests Branch:		
Forests Service—Salaries	25,000 00	15,530 34
Air Service—Operating Expenses	30,000 00	22,517 33

Department of Legislation

Office of the Speaker:		
Maintenance	6,000 00	2,971 67
Office of Law Clerk:		
Salaries	600 00	556 25

Department of Mines

Main Office:		
General—		
Mineral Collections, etc.	200 00	168 84
Moving Expenses of Officials	1,500 00	1,145 54
Gas and Oil Well Inspectors:		
Salaries, Equipment and Expenses, etc.	500 00	496 05
Temiskaming Testing Laboratories:		
Maintenance and Operation of Plant	3,500 00	2,993 13

Department of Municipal Affairs

Ontario Municipal Board:		
Maintenance	300 00	236 25

Department of the Prime Minister

Office of Executive Council:		
Salaries	35 00	31 25
Maintenance	50 00	43 80
Travel and Publicity Bureau:		
Salaries	704 00	703 79
Printing and Distributing Booklets, etc.	10,300 00	10,299 69

Department of Provincial Secretary

	WARRANT	EXPENDED
Main Office:		
Maintenance	$ 1,700 00	$ 1,634 23
Registrar-General's Branch:		
Salaries	13,820 00	13,543 53
Maintenance	5,900 00	4,349 74
Reformatories and Prisons Branch:		
Main Office—		
Prisoners' Rehabilitation	200 00	167 92
Compensation for Injured Workmen	500 00	179 70
Grants—		
Public Schools, Guelph Township	25 00	12 51
Training Schools	2,000 00	1,834 25
Ontario Reformatories—		
Guelph—		
Salaries	12,000 00	10,934 23
Maintenance	42,000 00	34,392 24
Repairs to Buildings, etc.	8,000 00	7,910 53
Industries	165,000 00	149,090 31
Mercer, Toronto—		
Maintenance	6,000 00	3,784 09
Repairs to Buildings, etc.	6,000 00	4,253 24
Industries	55,000 00	51,392 33
Industrial Farm, Burwash—		
Maintenance	45,000 00	23,857 79
Repairs to Buildings, etc.	10,500 00	10,451 88
Ontario Training School for Girls, Galt—		
Salaries	2,500 00	2,032 65
Maintenance	4,500 00	4,469 52

Department of Provincial Treasurer

Main Office:		
Maintenance	30,000 00	20,946 06
Office of Budget Committee:		
Salaries	65 00	62 50
Controller of Revenue Branch:		
Income Tax—Collection Costs	2,000 00	2,000 00
Post Office:		
Salaries	1,000 00	960 48

Department of Public Welfare

Main Office:		
Maintenance of Indigents	2,000 00	1,873 00
Transportation of Indigents	100 00	57 95
Children's Aid Branch:		
Maintenance	1,395 00	1,149 99
Services and Expenses *re* Children's Protection Act, etc.	15,000 00	11,381 20
Grant—Salaries of Local Superintendents, etc.	1,000 00	1,000 00
Mothers' Allowances Commission:		
Maintenance	6,500 00	6,489 79
Old Age Pensions Commission:		
Maintenance	1,000 00	969 02
Pensions—Old Age and Blind	100,000 00	98,550 62

Department of Public Works

Public Buildings—Maintenance and Repairs:		
Legislative and Departmental Buildings—		
Administrative Services, Salaries	500 00	451 67
Mechanical Staff—Salaries	29,000 00	28,605 73
District Buildings—		
Salary of Caretaker—Temiskaming	50 00	43 75
Ontario Hospitals—		
St. Thomas—Farm Operating Expenses	10,000 00	6,263 43
Government Office Building, Kingston—Maintenance	350 00	264 78
Public Buildings—Construction:		
Ontario Reformatories—		
Additions, Alterations and Equipment	25,000 00	20,501 25
Total Treasury Board Minutes	$1,977,811 40	$1,716,119 21

(C)

SPECIAL WARRANTS

(C)

SPECIAL WARRANTS

STATEMENT OF SPECIAL WARRANTS ISSUED DURING THE FISCAL YEAR ENDED MARCH 31st, 1941

Date of Warrant	Service	Warrants	Expended 1940–41	Unexpended
		$ c.	$ c.	$ c.
	Department of Agriculture			
Feb. 18, 1941	Payment of one-half of the regular freight charges on Western grains in carload lots from Port Arthur or Fort William to any destination in the Province of Ontario	25,000 00	24,891 83	108 17
	Department of Attorney-General			
June 11, 1940	Reward for information given *re* arrest and trial of one Cecil N. Gardiner, who was charged with manslaughter *re* death of Mrs. Grace Aston, and who was subsequently acquitted	300 00	300 00	....
Aug. 16, 1940	Reward for information given *re* arrest and conviction of one Reginald White, charged with the murder of John and Annie Milroy, and who was subsequently executed	750 00	750 00	....
Sept. 4, 1940	Reward for information given *re* arrest and conviction of one Barney Marquardt for setting a forest fire in the Township of Wicklow in the County of Hastings	100 00	100 00	....
	Department of Education			
	Services, grants and expenses in connection with War Emergency Vocational Courses—			
July 18, 1940	Warrant $128,000 00			
Feb. 18, 1941	" 100,000 00	228,000 00	55,783 70	172,216 30
July 18, 1940	Grant to the National Society of the Deaf and the Hard of Hearing	2,500 00	2,500 00	....
	Department of Health			
	Hendry-Connell Research Foundation, Kingston, to assist in financing the work of the Foundation—			
Apr. 17, 1940	Warrant $9,000 00			
June 24, 1940	" 9,000 00			
Dec. 19, 1940	" 9,000 00			
Jan. 11, 1941	" 6,000 00	33,000 00	33,000 00	....
July 18, 1940	City of St. Thomas—proportion of cost of sewage disposal at the Ontario Hospital, St. Thomas, from Jan. 1st to Oct. 31st, 1939	737 91	737 91	....
Sept. 18, 1940	Grant to the Sisters of Charity for the purpose of providing aid in the construction of the Laverandrye Hospital at Fort Frances	10,000 00	10,000 00	

DATE OF WARRANT	SERVICE	WARRANTS	EXPENDED 1940–41	UNEXPENDED
		$ c.	$ c.	$ c.
Sept. 18, 1940	Contribution to the Women's Missionary Society of the United Church of Canada towards providing an addition to St. Paul's Hospital, Hearst	5,000 00	5,000 00	... ...
	Department of Highways			
Apr. 17, 1940	Payment to the Township of Mersea of part cost of certain pavement laid on a road in or about the Village of Seacliffe, prior to the time when the said road became a King's Highway in 1931	4,257 75	4,257 75	... .
May 22, 1940	Road construction and maintenance on Long Point Park Road which passes through the Township of South Walsingham in the County of Norfolk, approximately three miles in length, joining the property of the Long Point Park Commission with the Township road west of the Village of Port Rowan, and for payment of construction and maintenance of roads within Rondeau Provincial Park	20,000 00	16,146 01	3,853 99
	Department of Labour			
	Dominion-Provincial Youth Training Programme—services, grants and expenses—			
	Balance unexpended, 1939–40 ....$ 63,460 90			
July 18, 1940	Warrant 50,000 00			
Oct. 24, 1940	" 100,000 00			
Jan. 11, 1941	" 50,000 00			
Feb. 18, 1941	" 25,000 00	288,460 90	132,275 03	156,185 87
	Department of Lands and Forests			
	Cost of preliminary work, research, preparation of documents and all other matters relative to the Select Committee of the Legislature *re* Administration of Lands and Forests Department. Balance unexpended, 1939–40	2,900 00	418 15	2,481 85
Dec. 10, 1940	To pay accounts in connection with the hearing before the Royal Commission investigating the affairs and the financial position of the Abitibi Power & Paper Company Ltd.	5,000 00	2,322 53	2,677 47
	Department of Legislation			
Sept. 4, 1940	Empire Parliamentary Association, in payment of membership fees of the Ontario Legislature for a two-year period ending Mar. 31st, 1939	1,300 00	1,300 00	... ...

DATE OF WARRANT	SERVICE	WARRANTS	EXPENDED 1940-41	UNEXPENDED
		$ c.	$ c.	$ c.
	Department of the Prime Minister			
Sept. 18, 1940	Funeral expenses of the late Honourable Dr. L. J. Simpson	850 00	850 00	....
	Department of Public Welfare			
	Payment of expenses incurred during the present war by the Province of Ontario for the reception and distribution of British children in Ontario—			
Aug. 1, 1940	Warrant $ 5,000 00			
Nov. 7, 1940	" 15,000 00	20,000 00	19,957 86	42 14
Nov. 7, 1940	Boy Scouts Association—grant	2,500 00	2,500 00	....
Nov. 7, 1940	Girl Guides Association—grant	1,000 00	1,000 00	....
	Department of Public Works			
	Costs and expenses *re* transfer of patients from the Ontario Hospital, St. Thomas. Balance unexpended, 1939-40	691 39	562 10	129 29
	Miscellaneous			
May 22, 1940	Sociate Scientifique de l'Outaouais—grant	500 00	500 00	....
	Total Special Warrants	652,847 95	315,152 87	337,695 08

REPORT FOR 1941

OF

The Workmen's Compensation Board

ONTARIO

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER NO. 28, 1942

ONTARIO

TORONTO
Printed and Published by T. E. BOWMAN, Printer to the King's Most Excellent Majesty
1942

THE HONOURABLE PETER HEENAN,
MINISTER OF LABOUR,
PARLIAMENT BUILDINGS,
TORONTO, ONTARIO.

DEAR MR. HEENAN,

I have the honour to submit herewith the Report of The Workmen's Compensation Board for the year 1941.

Yours very truly,

J. HAROLD,
Chairman

THE WORKMEN'S COMPENSATION BOARD

JOHN HAROLD,
Chairman

DR. D. J. GALBRAITH,
Vice-Chairman

DR. W. D. SMITH,
Commissioner

S. R. JOHNSTON,
Secretary

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REPORT FOR 1941

OF

The Workmen's Compensation Board

ONTARIO

Offices:
4th Floor, Canada Life Building,
330 University Ave., Toronto.

To His Honour the Lieutenant-Governor:

The Workmen's Compensation Board begs to submit its Report for the year 1941.

GENERAL REVIEW

In last year's report it was noted that employment in industry under Schedule 1 of The Workmen's Compensation Act showed a steady increase. During 1941 the wage roll covered by that schedule increased nearly one-third, the all-time high figure of $838,037,000 being expended for wages.

Accidents and Benefits

During 1941 there were reported to the Board 113,822 accidents, as compared with 81,116 during 1940, and 60,520 during 1939. This increase in accidents has been due for the most part to increased employment.

The total benefits awarded during the year amounted to $9,898,893.75, compared with $7,282,877.57 during 1940, and $6,152,407.53 during 1939.

Of the total benefits awarded during the year, $8,126,517.41 was for compensation, and $1,772,376.34 was for medical aid.

The total benefits awarded from the commencement of the Act (January 1, 1915) to January 1, 1942, amounted to $152,135,326.84, and the total accidents reported during the same period were 1,568,615.

Assessments

The provisional assessments in Schedule 1 for 1941, including estimated adjustments, amounted to $9,034,812.39, as compared with $6,409,486.96 provisionally estimated and $6,686,948.13 actually assessed for 1940. For 1941 the average rate was $1.08 for each $100.00 of pay roll as compared with $1.02 for 1940, and $1.06 for 1939. The provisional surplus to the credit of the classes at the end of 1941 was $1,651,520.11, as compared with $2,013,381.13 at the end of 1940.

It might be pointed out that the Dominion Government (including the Defence Industries), the Provincial Government, and employers in Schedule 2 pay for accidents in these industries as they arise, on the adjudication of claims by the Board. Hence, while accidents from these sources are included in the totals above, There is no inclusion of wage roll or assessment figures, as these industries do not pay assessments to the Board on a percentage of their pay roll.

Finances

After outstanding liabilities are properly valuated, there remains a provisional surplus of $1,651,520.11 standing to the credit of the classes comprising Schedule 1, in addition to a Disaster Reserve of $236,045.72, a Reserve for Depreciation of Securities (which belongs to the classes) of $922,401.43, and an excess of $191,970.09 in the Silicosis Account of cash over liabilities for silicosis in the mining industry. This makes a total of $3,001,937.35, as compared with $3,607,697.80 at the end of 1940. These assets in excess of liabilities are in addition to accrued interest on investments.

This balance of $3,001,937.35 is the working capital of the Board after provision has been made for all outstanding liabilities. It has been collected from the employers largely by way of assessment, in addition to what has actually been required to meet the losses arising from accidents and the expense of administering the Act, and the cost of employers' safety associations.

In addition, there was at December 31, 1941, $28,537,870.32 in the Pension Fund, which is not a reserve but a fund to pay pensions to widows, children, and disabled workmen, which pensions run for life or lesser periods, and which were calculated on an actuarial basis, the liability being equal in amount to the fund. From time to time actuarial revaluations of the liabilities are made to ensure the proper amount being kept in the fund. The last such revaluation was made during 1941.

Investments

All the Board's funds, with the exception of cash necessary for current operations, are invested. In Schedule 1 these investments, calculated on amortized values, totalled $37,769,355.69. From investments a rate of 4.36 per cent. was received in 1941, as compared with 4.52 per cent. in 1940.

At the end of 1941 there was in default in Schedule 1 $120,411.19, consisting of $105,583.23 principal and $14,827.96 interest, as compared with a total of $115,251.28 at the end of 1940, and $334,362.17 at the end of 1939. No accruing interest is in default for 1941 on account of refunding.

The Board's portfolio of investments shows 74 per cent. held in obligations of the Dominion and Ontario Governments, and 26 per cent. in municipal and county direct or guaranteed debentures.

Safety Associations

The Board's aid to Safety Associations was increased from $241,760.00 in 1940 to $250,775.00 in 1941, and for Mine Rescue Work from $15,777.04 to $20,228.95.

Public Relations

The Board has continued to assist groups of employers and workmen better to understand the workings of Workmen's Compensation. More and more groups are asking for this service.

Contents of the Report

The chapters following contain the particulars of the Board's operations during 1941, and the Appendix a resumé of operations since January 1, 1915.

Dated at Toronto this 14th day of April, 1942.

J. HAROLD, Chairman.
D. J. GALBRAITH, Vice-Chairman.
W. D. SMITH, Commissioner.

CHAPTER I

SCHEDULE 1 INDUSTRIES FOR 1941

As some of the industries covered by the Act are under the collective liability system (the employer not being individually liable for accidents to his workmen but being assessed to provide a general fund out of which accidents occurring in his class of industry throughout the Province are taken care of) and others are under the individual liability system (the employer being liable to pay for accidents happening to his own workmen), separate financial statements have to be made for each. The industries under the collective liability system are included in Schedule 1, and those under individual liability in Schedule 2, the former comprising much the greater number.

This chapter deals with Schedule 1 industries for 1941. Schedule 2 industries are dealt with in Chapter II, while Chapter III deals with the work handled in both schedules and the administration of the Act generally during the year, Chapter IV with the different funds in both schedules and their standing at the end of 1941, and Chapter V gives financial and statistical information for 1940 which was not available when the report for that year was made.

Provisional Financial Statement

The provisional financial statement for the industries in Schedule 1 for 1941 is contained in Table 1. To show the standing for the year, estimates have to be made of adjustments of assessments according to actual pay rolls and on the retroactive rates (the assessments for the year being first levied on an estimate of pay roll and at a provisional rate), and estimates also have to be made of compensation and medical aid still to be awarded for accidents happening during the year which have not yet been finally disposed of by reason of the injured workman being still under medical treatment or reports not being received. These estimates contain also all liabilities for claims of previous years yet outstanding and provision for claims of prior years which may subsequently be adjusted. Final figures for the year 1941 will be shown in the next subsequent report in the same manner as the final figures for 1940 are shown in Table 15 of this report.

The difference is to be noted between the amount of compensation and medical aid awarded for the year's accidents and the amount awarded during the year. The latter is partly for the prior year's accidents, while upon the other hand it does not cover all the liability for the current year's accidents. The more correct system of charging each year as far as possible with its own accidents, and for that purpose keeping the year's accounts open till the end of the subsequent year, has been adopted, rather than the looser method of taking the amount awarded during the year as the cost of the year's accidents and leaving always an outstanding liability unprovided for. For the purpose of information and comparison, however, the amounts awarded during the year are shown in Chapter III.

Accounts for Each Class

The industries in Schedule 1 are divided into classes, and as each class (subject to any transfer that may be made to it from the Disaster Reserve in any case of undue burden) bears its own accident cost— the employers in the class being in effect a mutual insurance association— separate accounts have to be kept for the different classes. Each class is credited with its own assessments, its share of interest and other income, and with any transfer made to it from

Disaster Reserve, or credit from any other source, and charged with the cost of its own accidents, its share of administration expenses, the cost of its safety association if it has one, and with its share of any amount set aside for Disaster Reserve.

The figures for each class, and the provisional surplus or deficit for the year, and the balance forward from prior years, and the provisional surplus or deficit for all years, are shown in Table 1. The final figures for each class and also the figures for the different groups within the classes (as in Table 15) will be shown in the next report. The assessments are fixed according to the accident cost and other expenses and charges in each class and group and having regard to the other income and credits.

The classes are numbered and the nature of the industries in each is shown at the bottom of Table 1 and full enumeration of the industries will be found in Schedule 1 of the Act and in the Board's rate book, the latter also showing the grouping within the class.

Assessments and Other Credits

The total assessments in all classes in Schedule 1 for the year 1941, including estimated adjustments, amounted to $9,034,812.39. In assessments are included collections for default in making returns or payments and interest for underestimate of pay roll. The other income and credits for the year consisted of interest on investments and funds not elsewhere credited; reimbursement for veteran cases received from Department of Pensions and National Health; cost of accidents collected under Section 107 for failure to furnish pay roll prior to accident; recovery from third parties under Section 8; receipts by virtue of special orders under Section 90 (4); collections under Section 114 (3) from employers for failure to furnish particulars of accidents; collections under Section 84 (4); refunds of accident cost and receipts from Disaster Reserve. Other income and credits amounted to $186,400.78. The total income and credits for the year are, therefore, $9,221,213.17.

Compensation and Other Charges

The compensation and medical aid for Schedule 1 industries for the year, including estimate for what is still to be awarded for accidents happening during the year and for prior years' accidents, amounted to $9,913,502.03. There were other outlays amounting to $879,928.47, including administration expenses of $549,708.10; mine rescue work, $20,228.95; Section 8 disbursements, $549.43; safety associations, $250,775.00; and clinic expense, $58,666.99. The total expenditure and charges for the year, including liability for pneumoconiosis outstanding of $1,544,613.76, and adjustments for prior years' accidents, were $10,793,430.50.

The provisional deficit for the year, including pneumoconiosis outstanding and the carry-over for prior years' claims, was $1,572,217.33, which, deducted from the surplus forward from prior years, of $3,223,737.44, makes a net provisional surplus of $1,651,520.11 at December 31, 1941.

Number of Employers

The total number of employers listed in Schedule 1 at the end of 1941 was 24,345, as compared with 24,385 at the end of 1940. The number in each class and group of industry is shown in Table 2.

Wage Expenditure

The estimated total wage expenditure in Schedule 1 industries for the year 1941, calculated on provisional figures, is $838,037,000 as compared with $628,161,000, in 1940. The amounts for the different classes of industry are shown in Table 3.

The Board has no similar data for Schedule 2 and Crown industries as in these the employers pay for accidents to their own workmen and are not required to make pay roll returns or pay assessments upon them as in Schedule 1. The pay roll would probably be about one-third that of Schedule 1.

Average Rates of Assessment

Assessments in Schedule 1 are in the form of a percentage of pay roll, and the average rate or percentage over all the classes actually paid by the employers can be ascertained by relating the total assessments to the total wage expenditure. This, on the provisional figures, gives an average rate of assessment for 1941 of $1.08 on every $100.00 of pay roll. The average rate for all years since the commencement of the Act was $1.18. The decline in the over-all rate was due in part to refund of differential rating plan penalties collected in 1937 and 1938 and later refunded.

TABLE 1

PROVISIONAL FINANCIAL STATEMENT FOR SCHEDULE 1, BY CLASSES, AS AT DECEMBER 31, 1941

Class	INCOME AND CREDITS (Actual and Estimated)				EXPENDITURE AND CHARGES (Actual and Estimated)						Balance Forward Prior Years	SURPLUS OR DEFICIT ALL YEARS (Provisional)	Class
	Collected on Provisional Assessments	Estimated Adjustments of Assessments	All Other Income	TOTAL	Compensation and Medical Aid			Pneumoconiosis Outstanding	All Other Outlays	TOTAL AS AT DEC. 31, 1941			
					Awarded	Estimated	Total						
	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	
1	690,084.87	301,445.00	−1,615.87	989,914.00	385,347.51	362,681.78	748,029.29	....	95,431.48	843,460.77	−111,656.93	34,796.30	1
2	343,990.20	18,200.00	4,471.52	366,661.72	181,827.85	114,612.31	296,440.16	....	39,402.45	335,842.61	107,296.80	138,115.91	2
3	79,363.10	4,000.00	383.38	83,746.48	53,965.42	28,733.11	82,698.53	....	9,828.21	92,526.74	6,322.33	−2,457.93	3
4	192,259.43	39,800.00	1,895.71	233,955.14	124,994.05	93,227.59	218,221.64	16,432.75	24,811.77	259,466.16	−9,980.76	−35,491.78	4
5	1,362,595.96	−102,100.00	15,839.38	1,276,335.34	573,428.64	701,415.90	1,274,844.54	17,096.27	†117,097.54	1,409,038.35	498,668.55	365,965.54	5
6	148,163.93	33,050.00	1,900.17	183,114.10	62,949.41	59,689.81	122,639.22	216,081.95	21,848.04	360,569.21	20,782.72	−156,672.39	6
7	188,838.59	105,600.00	1,000.40	295,438.99	194,912.73	217,155.37	412,068.10	44,000.00	28,004.13	484,072.23	23,306.74	−165,326.50	7
8	189,638.23	56,000.00	7,344.56	252,982.79	122,523.84	72,496.83	195,020.67	753,005.27	24,848.67	972,874.61	145,913.75	−573,978.07	8
9	374,840.90	211,250.00	11,486.32	597,577.22	290,714.20	154,007.74	444,721.94	100,924.00	46,352.26	591,998.20	209,071.63	214,650.65	9
10	555,284.20	239,000.00	8,038.33	802,322.53	514,080.96	296,723.52	810,804.48	129,692.50	73,343.35	1,013,840.33	177,922.19	−33,595.61	10
11	436,007.81	99,300.00	27,560.03	562,867.84	351,168.42	152,652.87	503,821.29	140,553.61	51,934.27	696,309.17	284,410.88	150,969.55	11
12	157,578.62	102,350.00	12,649.18	272,577.80	178,224.51	170,282.77	348,507.28	21,348.23	21,984.72	391,840.23	289,969.24	170,706.81	12
13	99,791.34	13,000.00	2,680.80	115,472.14	60,438.94	35,635.14	96,074.08	....	9,096.50	105,170.58	50,998.20	61,299.76	13
14	65,704.90	12,000.00	1,132.52	78,837.42	30,616.13	34,455.78	65,071.91	....	7,218.36	72,290.27	20,043.52	26,590.67	14
15	352,160.72	27,150.00	19,537.95	398,848.67	194,406.40	196,658.79	391,065.19	....	41,682.15	432,747.34	122,409.32	88,510.65	15
16	136,409.23	11,200.00	235.30	147,844.53	102,140.59	52,663.96	154,804.55	26,967.00	20,961.99	202,733.54	−12,107.91	−66,996.92	16
17	147,433.19	17,950.00	64.71	165,447.90	103,496.93	50,430.66	153,927.59	....	19,676.64	173,604.23	−4,962.98	−13,119.31	17
18	70,572.84	10,200.00	1,981.85	82,754.69	36,113.83	18,884.15	54,997.98	....	8,980.28	63,978.26	46,928.60	65,705.03	18
19	103,913.43	4,800.00	346.96	109,060.39	60,731.05	36,024.87	96,755.92	9,565.98	12,745.24	119,067.14	−19,832.33	−29,839.08	19
20	415,382.98	−33,100.00	10,385.42	392,668.40	178,874.44	156,125.76	335,000.20	....	30,618.42	365,618.62	157,742.38	184,792.16	20
21	278,564.15	64,650.00	13,366.54	356,580.69	185,803.42	156,768.54	342,571.96	5,500.00	38,263.63	386,335.59	286,547.85	256,792.95	21
22	274,619.70	10,000.00	10,653.64	295,273.34	155,874.17	97,944.95	253,819.12	....	25,065.26	278,884.38	202,163.70	218.552.66	22
23	98,233.28	29,500.00	8,144.68	135,877.96	53,365.47	94,997.04	148,362.51	....	12,722.42	161,084.93	205,410.94	180,203.97	23
24	969,135.79	29,000.00	26,917.30	1,025,053.09	417,581.39	401,038.73	818,620.12	63,446.20	98,010.69	980,077.01	526,369.01	571,345.09	24
ALL	7,730,567.39	⋆1,304,245.00	‡186,400.78	9,221,213.17	4,613,580.30	3,755,307.97	8,368,888.27	1,544,613.76	*†879,928.47	10,793,430.50	3,223,737.44	1,651,520.11	ALL

⋆Adjusted on actual pay rolls and retroactive rates.

‡Includes: Sec. 8, $22,912.02; Sec. 84 (4), $15.05; Sec. 90 (4), $991.94; Sec. 107, $1,216.72; Sec. 114 (3), $906.43; Reimbursement from D.P. & N.H., $13,255.94; from Accident Cost Refunds, $787.98; Interest, $132,314.70; Disaster Reserve, $14,000.00.

*Includes: Disbursements under Sec. 8, $549.43; for Clinic Expense, $58,666.99; for Safety Associations, $250,775.00; for Administrative Expense, $549,708.10.

†Includes Mine Rescue Work, $20,228.95.

Class Numbers of Industries

1. Lumbering.
2. Pulp and paper mills.
3. Furniture manufacturing, etc.
4. Planing mills, etc.
5. Mining and explosives.
6. Brick manufacturing, quarrying, and glass works.
7. Rolling mills, etc.
8. Foundries, etc.
9. Fabrication structural steel, etc.
10. Metal articles, jewellery manufacturing, etc.
11. Agricultural implements, etc.
12. Gas, petroleum, paint, drugs, soap, etc.
13. Milling.
14. Abattoirs, etc.
15. Bakeries, canning, liquors, and tobacco.
16. Tanneries, leather and rubber goods.
17. Textiles.
18. Clothing, power laundries, etc.
19. Printing and stationery.
20. Teaming, cartage, coal and wood yards, etc.
21. Road construction, etc.
22. Electric power, etc.
23. Steel construction, railway and canal construction, dredging, fishing, etc.
24. Building.

TABLE 2

NUMBER OF FIRMS IN SCHEDULE 1, BY CLASSES AND GROUPS, DECEMBER 31, 1941

Class	Group 0	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7	Group 8	Group 9	TOTALS
1	584	492	......	109	......	......	......	......	......	......	1,185
2	73	......	......	15	......	......	......	......	......	......	88
3	279	......	......	......	......	......	......	......	......	......	279
4	458	......	113	......	......	......	......	......	......	......	571
5	......	238	4	55	......	11	15	4	......	......	327
6	192	......	7	113	50	91	101	......	......	......	554
7	17	......	......	......	......	......	......	......	......	......	17
8	105	......	35	57	......	......	......	......	......	......	197
9	17	18	......	......	170	13	......	......	......	......	218
10	871	......	......	......	104	......	338	......	......	......	1,313
11	55	820	......	1	......	......	......	......	......	......	876
12	37	310	118	14	274	......	......	......	......	......	753
13	529	84	......	......	......	......	......	......	......	......	613
14	111	......	......	......	......	......	......	......	......	......	111
15	423	362	......	134	50	192	24	......	......	......	1,185
16	47	106	81	51	......	......	......	......	......	......	285
17	181	129	......	......	......	......	......	......	......	......	310
18	757	206	......	......	......	......	......	......	......	......	963
19	273	675	......	......	......	......	......	......	......	......	948
20	2,036	1,097	......	......	......	......	......	......	......	......	3,133
21	139	62	......	......	......	......	......	......	......	......	201
22	170	310	305	1,180	......	......	......	......	......	......	1,965
23	83	33	302	......	......	......	......	......	......	......	418
24	4,115	......	......	498	1,283	1,197	361	......	......	381	7,835
All											24,345

TABLE 3

ESTIMATE OF WAGE EXPENDITURE, SCHEDULE 1 BY CLASSES, FOR 1941

Class	Wage Expenditure
1	$ 17,021,000
2	20,256,000
3	9,750,000
4	12,679,000
5	67,422,000
6	11,729,000
7	29,456,000
8	16,590,000
9	51,603,000
10	114,910,000
11	134,135,000
12	39,026,000
13	7,530,000
14	10,407,000
15	48,998,000
16	30,290,000
17	45,950,000
18	32,950,000
19	31,750,000
20	18,440,000
21	7,990,000
22	40,090,000
23	3,795,000
24	35,270,000
TOTAL	$838,037,000

CHAPTER II

SCHEDULE 2 INDUSTRIES DURING 1941

Table 4 is a statement of the compensation awarded and the moneys handled during 1941 in Schedule 2 industries (in which the employer is individually liable for accidents to his workmen). Dominion Crown Cases under the Act by Dominion legislation and Provincial Crown Cases referred to the Board for adjustment are included.

The total amount of compensation awarded in Schedule 2 industries and Crown cases during 1941 was $1,464,051.43. Of this amount $301,218.89 was for workmen of municipal corporations; $234,697.26 for steam railroads; $20,854.86 for electric railways; $94,092.49 for navigation companies; $2,428.58 for express and sleeping-car companies; $8,159.37 for telephone and telegraph companies; $668,307.73 for Dominion Crown Cases and $134,292.25 for Provincial Crown Cases. Of the total amount awarded $818,753.60 was for pensions in pension cases, and $645,297.83 was for cases not pension cases and for compensation not pensions in pension cases.

In pension cases, except in the case of municipal or government bodies or departments thereof, not so desiring, deposits must be made by employers in Schedule 2 industries. Particulars of these are given under "Deposits under Section 28". Under "Claimants' Moneys" are included moneys held by the Board under awards in which in the interest of the claimant, or for some other reason, payment of the amounts held is deferred to a later date, as in the case of minors. "Deposits under Section 32" are amounts deposited with the Board to enable the Board to make prompt payments without waiting for receipt of cheque from employer.

Employers in Schedule 2 are assessed their share of the expense of administration as set out in Table 8. For 1941 that share amounted to $24,090.00 as compared with $17,550.00 in 1940 and $16,944.00 in 1939. Proportionate to the amount of compensation awarded, administration expenses in Schedule 2 and Crown Cases were 4.28 per cent. in 1941 as compared with 3.94 per cent. in 1940 and 4.06 per cent. in 1939.

Further information as to Schedule 2 funds and particulars of Schedule 2 investments are given in Chapter IV, and in Tables 9 and 14, and in the Appendix.

TABLE 4

STATEMENT FOR SCHEDULE 2 DURING 1941

SCHEDULE 2 AWARDS

	Awards Not Pensions	Pensions	TOTALS
Municipal Corporations, etc.	$101,797.19	$199,421.70	$ 301,218.89
Steam Railroads	88,716.78	145,980.48	234,697.26
Electric Railways	3,580.79	17,274.07	20,854.86
Navigation Companies	34,184.70	59,907.79	94,092.49
Express and Sleeping Car Companies	2,428.58	....	2,428.58
Telephone and Telegraph Companies	2,010.89	6,148.48	8,159.37
Dominion Crown Cases	358,177.03	310,130.70	668,307.73
Provincial Crown Cases	54,401.87	79,890.38	134,292.25
TOTALS	$645,297.83	$818,753.60	$1,464,051.43

SCHEDULE 2 FUNDS

Deposits Under Section 28

Cash in bank and invested, Jan. 1, 1941	$3,236,681.46	
Deposits received from employers	253,665.07	
Interest received	166,332.11	
Paid to pensioners	....	$ 340,498.91
Deposits returned to employers	....	161,395.58
Cash in bank and invested, Dec. 31, 1941	....	3,154,784.15
	$3,656,678.64	$3,656,678.64

Claimants' Moneys

Cash in bank and invested, Jan. 1, 1941	$ 12,607.96	
Deposits received from employers	2,837.41	
Interest received	598.23	
Paid to claimants	....	$ 3,043.00
Cash in bank and invested Dec. 31, 1941	....	13,000.60
	$ 16,043.60	$ 16,043.60

Deposits Under Section 32

Cash in bank, Jan. 1, 1941	$ 40,087.83	
Deposits received from employers	1,094,725.24	
Payments made—Compensation and Medical Aid	....	$1,033,914.73
Deposits returned to employers	....	7,076.36
Cash in bank, Dec. 31, 1941	....	93,821.98
	$1,134,813.07	$1,134,813.07

Reserve for Depreciation of Securities

Cash in bank and invested, Jan. 1, 1941	$ 206,877.40	
Amount received in excess of book value on sale of investments during 1941	7,327.50	
Cash in bank and invested, Dec. 31, 1941	....	$ 214,204.90
	$ 214,204.90	$ 214,204.90

TOTALS OF FUNDS

Cash in bank and invested, Jan. 1, 1941	$3,496,254.65	
Deposits received from employers	1,351,227.72	
Amount received in excess of book value on sale of investments during 1941	7,327.50	
Interest received	166,930.34	
Payments made	....	$1,377,456.64
Deposits returned to employers	....	168,471.94
Cash in bank and invested Dec. 31, 1941	....	3,475,811.63
	$5,021,740.21	$5,021,740.21

CHAPTER III

WORK HANDLED DURING 1941

This chapter deals with the work handled during 1941, and with the administration of the Act generally during the year. Particulars are given in Tables 5 to 8.

The figures are for what has been dealt with during 1941 without regard to the year in which the accidents dealt with occurred, while, as explained in Chapter I, the figures in Chapter I and Chapter V are for the accidents happening during the year.

Benefits Awarded During the Year

The total amount of compensation awarded during 1941 was $8,126,517.41, of which $6,662,465.98 was in Schedule 1 industries, $661,451.45 in Schedule 2 industries, and $802,599.98 in Crown cases. There was also paid for medical aid in Schedule 1 industries during the year $1,772,376.34, making the total benefits awarded during the year $9,898,893.75. In Schedule 2 and Crown cases (for the most part) medical aid is provided directly by the employer and no figures are available.

The benefits awarded each year, and the total since the commencement of the Act, are as follows:

	Schedule 1		Schedule 2	
Year	Compensation	Medical Aid	and Crown Compensation	Total Benefits
1941	$6,662,465.98	$1,772,376.34	$1,464,051.43	$9,898,893.75
1940	4,852,469.50	1,408,250.15	1,022,157.92	7,282,877.57
1939	4,174,407.96	1,094,693.30	883,306.27	6,152,407.53
1938	4,362,618.00	1,153,894.99	947,748.20	6,464,261.19
1937	3,837,588.62	1,251,848.47	1,040,523.46	6,129,960.55
1936	3,553,282.23	1,058,642.36	1,031,874.20	5,643,798.79
1935	3,225,898.54	1,037,682.86	1,050,531.47	5,314,112.87
1934	2,745,239.16	841,738.41	912,729.66	4,499,707.23
1933	2,298,787.97	667,581.69	732,699.29	3,699,068.95
1932	3,202,639.27	817,240.38	1,105,740.91	5,125,620.56
1931	3,917,045.43	1,060,763.01	1,043,583.66	6,021,392.10
1930	4,942,756.25	1,336,046.05	1,144,216.52	7,423,018.82
1929	5,346,621.19	1,385,524.62	1,280,011.97	8,012,157.78
1928	4,565,688.56	1,166,507.54	1,335,750.83	7,067,946.93
1927	3,930,417.59	1,062,859.64	1,091,377.64	6,084,654.87
1926	3,664,039.94	988,486.70	1,168,825.26	5,821,351.90
1925	3,635,530.27	875,836.01	1,054,077.11	5,565,443.39
1924	4,052,287.77	835,956.60	1,234,575.97	6,122,820.34
1923	4,036,170.26	788,905.90	1,348,785.58	6,173,861.74
1922	3,417,101.61	692,819.94	1,582,975.06	5,692,896.61
1921	3,858,017.50	662,793.89	1,668,452.10	6,189,263.49
1920	5,113,149.77	703,705.66	1,963,389.82	7,780,245.25
1919	2,808,638.65	386,298.51	997,922.77	4,192,859.93
1918	2,751,137.45	369,346.37	763,511.02	3,883,994.84
1917	2,286,954.99	*83,514.07	623,556.37	2,994,025.43
1916	1,553,653.38	†.........	451,709.93	2,005,363.31
1915	692,389.09	†.........	200,932.03	893,321.12
Totals......	$99,486,996.93	$23,503,313.46	$29,145,016.45	$152,135,326.84

*Half year only. †No provision for medical aid.

The increase in benefits from the early years is largely by reason of increase in wages, compensation being for the most part a percentage of wages, and additional industries have been covered, and some material changes were made in compensation. The large total for 1920 is by reason of the retroactive increase in widows' and children's pensions, and the small amount awarded during

1915 is by reason of many 1915 accidents not being, nor capable of being, finally disposed of till the following year. The amount of benefits awarded for each year's accidents, as distinguished from the amount awarded during the year, is shown in Chapter V.

Accidents Reported During the Year

During 1941, 113,822 accidents were reported to the Board. These included some not serious enough to involve payment of either compensation or medical aid and for which no claim was made, and others for which claims were made but were not allowed by the Board.

At the close of the year there were 2,903 claims in assembly, as compared with 2,028 at the end of 1940, notice of the accident having been given but reports necessary to deal with the case not yet having been received.

The number of accidents reported each year, and the total number since the commencement of the Act, are as follows:

Year	Total
1941	113,822
1940	81,116
1939	60,520
1938	59,834
1937	70,582
1936	61,382
1935	58,546
1934	54,730
1933	38,042
1932	41,470
1931	52,894
1930	69,267
1929	87,103
1928	79,398
1927	71,979
1926	65,916
1925	60,012
1924	58,675
1923	61,109
1922	50,411
1921	45,191
1920	54,851
1919	44,260
1918	47,848
1917	36,532
1916	26,092
1915	17,033
All Years	1,568,615

Accidents Paid For During the Year

Table 5 shows the number of accidents in which compensation or medical aid was paid during the year. The total number was 104,655, as compared with 70,111 during 1940. The 104,655 comprised 438 deaths, 1,616 permanent disability cases, 40,275 temporary disability cases, and 62,326 medical aid only cases. Except for Provincial Crown cases, Schedule 2 and Crown cases involving medical aid only, which are a large proportion of the accidents reported, are not included as accidents paid for, as the medical aid is furnished by the employer.

The number of accidents in which compensation or medical aid was awarded each year since the commencement of the Act is as follows:

Year	Schedule 1	Schedule 2	Crown	Totals
1941	96,511	2,467	5,677	104,655
1940	66,607	1,785	1,719	70,111
1939	50,316	1,700	2,389	54,405
1938	47,816	1,874	2,235	51,925
1937	61,643	1,897	2,828	66,368
1936	51,620	1,828	2,741	56,189
1935	46,960	1,707	5,631	54,298
1934	41,244	1,800	6,258	49,302
1933	29,766	1,487	2,453	33,706
1932	38,469	1,914	3,521	43,904
1931	43,611	2,561	2,710	48,882
1930	56,715	2,723	2,357	61,795
1929	68,195	2,883	2,737	73,815
1928	61,384	2,723	2,425	66,532
1927	55,894	2,741	2,443	61,078
1926	52,199	2,489	2,182	56,870
1925	47,782	2,734	2,217	52,733
1924	46,616	2,820	2,475	51,911
1923	47,873	3,849	1,916	53,638
1922	37,172	4,572	765	42,509
1921	34,271	5,161	834	40,266
1920	42,693	4,444	714	47,851
1919	34,400	4,517	153	39,070
1918	36,565	4,335	30	40,930
*1917	25,277	3,406	19	28,702
*1916	15,370	2,825	3	18,208
*1915	8,328	1,494	7	9,829

*Cases involving medical aid only, not covered till July 1, 1917.

Awards Changed

In addition to claims compensated, as shown in Table 5, the Board in 1941 opened for further award 801 claims which had been settled previously.

Cheques, Assessments, Mail, and Callers

In all, 412,005 cheques were issued during 1941, an average of 1,360 daily, and there were 35,890 assessments made, including refunds. About 8,500 pieces of mail were handled daily, and the average number of office callers was 87 a day.

Receipts and Payments

The receipts and payments during the year are shown in Table 6, the statement for Schedule 2 including Crown cases. Explanation of the items and the funds referred to will be found in other parts of the report. A summary of receipts and payments since the commencement of the Act is given in the Appendix.

Payments to Safety Associations

The safety or accident prevention associations are organizations of employers established under the authority of the Act by the employers in 23 out of the 24 classes of industry. They are under the management of the employers but the expenses are paid by the Board out of the Accident Fund.

The total amounts so paid are set out in Table 7, which table also shows the amount paid out on account of mine rescue work in Class 5.

Administration Expenses

The administration expenses of the Board, analyzed under the different headings, are shown in Table 8. The gross administration expenses during 1941 were $636,483.78, which included special statistical services for which refunds have been received of $2,900.00, and accountable warrants of $325.00, making the total administration expenses $633,258.78, to which was added

$316.56 adjustment of prior year's expenses. The total of $633,575.34 is comparable with $533,086.15 during 1940. The amount is divided according to the number of accidents handled among Schedule 1 (Accident Fund, Silicosis and Mine Rescue Accounts), Schedule 2, and Dominion and Provincial Crown.

The amount charged to the Silicosis Account was $20,194.46; to Mine Rescue Work, $963.28; to Schedule 1 employers, $549,708.10; to Schedule 2, $24,090.00; to Dominion Crown, $33,917.50; and to Provincial Crown, $4,702.00.

The cost of office furniture, fixtures, and equipment, including permanent equipment, has always been charged to administration expenses in the year in which payment therefor was made, and no entry for which has ever been made in the standing of the funds. The value of this furniture and equipment at the present time is estimated at about $40,000.

The total administration expenses for 1941 less expenses of supervising work in connection with silicosis and mine rescue stations (not properly administrative work) and handling claims for silicosis, were 6.19 per cent. of benefits awarded, being 6.52 per cent. of benefits awarded in Schedule 1, and 4.28 per cent. in Schedule 2 and Crown cases.

A charge of $58,666.99 was made against the classes for operation of the Clinic during 1941. The total expenses were $65,295.60, and $6,628.61 was refunded by Schedule 2 and Crown employers and others.

TABLE 5

COMPENSATION, MEDICAL AID, AND ACCIDENTS PAID FOR, DURING 1941

Compensation Awarded during 1941

Schedule 1	$6,662,465.98
Schedule 2	661,451.45
Crown Cases	802,599.98
Total	$8,126,517.41

Medical Aid Paid during 1941

Schedule 1	$1,772,376.34
Schedule 2	furnished by employer
Crown Cases	furnished by employer

Accidents Paid for during 1941

	Medical Aid Only	Temporary Disability	Permanent Disability	Death	TOTALS
SCHEDULE 1—					
Full Compensation	.....	29,971	1,474	266	31,711
Part Compensation	.....	4,361	....	59	4,420
Medical Aid Only	60,380	.....	....	...	60,380
Totals	60,380	34,332	1,474	325	96,511
SCHEDULE 2—					
Full Compensation	.....	2,015	64	48	2,127
Part Compensation	.....	324	....	9	333
Medical Aid Only	7	.....	....	...	7
Totals	7	2,339	64	57	2,467
CROWN CASES—					
Full Compensation	.....	3,224	78	49	3,351
Part Compensation	.....	380	....	7	387
Medical Aid Only	1,939	.....	....	...	1,939
Totals	1,939	3,604	78	56	5,677
GRAND TOTALS	62,326	40,275	1,616	438	104,655

TABLE 6

STATEMENT OF RECEIPTS AND PAYMENTS DURING 1941

Schedule 1

RECEIPTS

Cash in Banks, January 1, 1941:		
Canadian Bank of Commerce	$23,132.41	
Royal Bank of Canada	50,072.01	
Dominion Bank	396,123.40	
		$469,327.82
Net Assessments, Penalties, etc.		
Gross Assessments	8,494,998.48	
Under Section 8	22,912.02	
Under Section 84 (4)	991.94	
Under Section 107	1,216.72	
Under Section 114	906.43	
From D.P. & N.H.	14,573.52	
From Accident Cost Refunds	787.98	
	8,536,387.09	
Less:		
Assessments and Penalties Refunded	192,654.87	
		8,343,732.22
Silicosis Assessments		468,837.62
Interest:		
From Investments	1,556,358.38	
ExchangePremium	43,434.89	
From Bank and Short Date Deposits	1,833.22	
		1,601,626.49
Investments:		
Principal returned.	592,995.16	
Amount received in Excess of Book Value on Sale of Investments	24,692.48	
Short Date Deposits	50,000.00	
		667,687.64
From Schedule 2 and Crown Employers for Administration Expenses, account of prior years, paid out of Schedule 1 in 1940		40,238.92
Special Statistical and Other Services		2,900.00
Refunds of Clinic Expenses:		
From Medical Aid	4,955.19	
From Schedule 2 Employers	1,673.42	
		6,628.61
		$11,600,979.32

PAYMENTS

Compensation paid, other than Pensions and Compensation Deferred		$2,832,330.95
Pensions		2,528,266.35
Deferred Compensation		74,734.43
Rehabilitation		8,304.58
Medical Aid		1,746,755.02
Silicosis:		
Compensation	$183,180.92	
Medical Aid	25,621.32	
Expenses	95,850.35	
		304,652.59
Under Section 8		549.43
Mine Rescue Work		19,265.67
Administration Expenses		636,483.78
Safety Associations		250,775.00
Clinic Expenses		65,295.60
Investments		2,707,688.88
Cash in Banks, December 31, 1941:		
Canadian Bank of Commerce	$ 5,881.64	
Royal Bank of Canada	21,805.66	
Dominion Bank	398,189.74	
		425,877.04
		$11,600,979.32

Table 6—Continued

Schedule 2

RECEIPTS		
Cash in Imperial Bank of Canada, January 1, 1941		$ 15,926.94
Employers' Deposits:		
Under Sec. 28	$ 253,665.07	
Under Sec. 32	1,094,725.24	
For Claimants' Moneys	2,837.41	
		1,351,227.72
Interest:		
From Investments	164,247.31	
Exchange Premium	2,165.58	
From Bank Deposits	517.45	
		166,930.34
Investments:		
Principal returned	140,792.47	
Amount received from Sale, in Excess of Book Value	7,327.50	
		148,119.97
		$1,682,204.97

PAYMENTS		
To Claimants out of Deposits under Section 28		$ 340,498.91
Deposits returned to Employers under Section 28		161,395.58
To Claimants out of Claimants' Moneys		3,043.00
Paid out of Deposits under Section 32:		
Compensation	$935,934.80	
Rehabilitation	292.75	
Medical Aid	97,687.18	
		1,033,914.73
Deposits returned to Employers under Section 32		7,076.36
Investments		40,667.92
Cash in Imperial Bank of Canada, December 31, 1941		95,608.47
		$1,682,204.97

TABLE 7

PAYMENTS TO SAFETY OR ACCIDENT PREVENTION ASSOCIATIONS, 1941

Association	Class	Total Payments	
Lumbermen's Safety Association	1	$ 36,000.00	
Ontario Pulp and Paper Makers' Safety Association	2	13,400.00	
Class 5 Accident Prevention Association	5	11,500.00	
Industrial Accident Prevention Associations	3, 4, 6, 7, 8, 9, 10, 11, 12, 13(0), 14, 15, 16, 17, 18, 19, 23(0)	146,000.00	
Ontario Highway Construction Safety Association	21	11,000.00	
Electrical Employers' Association of Ontario	22	5,875.00	
Construction Safety Association of Ontario	24	27,000.00	
Charged to Schedule 1 (Table 1)			$250,775.00
		$250,775.00	$250,775.00

MINE RESCUE WORK ACCOUNT, 1941

Maintenance of Stations, Salaries and Supplies	$ 19,265.67	
Administrative Supervision	963.28	
		$ 20,228.95

TABLE 8

ANALYSIS OF ADMINISTRATION EXPENSES DURING 1941

Salaries of Board and Staff		$412,335.05	
Travelling Expenses of Board and Staff		48,441.00	
Printing, Stationery, and Office Supplies		31,452.71	
Postage		37,609.04	
Telephone, Telegraph, and Express		3,086.03	
Legal Expenses, Witness Fees, etc.		971.62	
Claimants' Travelling Expenses and Medical Examinations		818.81	
Insurance and Security Service		4,984.16	
Auditor's Services, under instructions of Attorney-General		2,500.00	
Office Rent		24,799.86	
Permanent Equipment		16,430.60	
Miscellaneous Services, Equipment Rental, and Repairs		4,554.25	
Meals for Staff when working overtime (nights, Saturday afternoons, etc.)		4,598.00	
Contributions to Staff Pension Fund		43,577.65	
Accountable warrants to Members of Staff		325.00	
Gross Administration Expenses, 1941		$636,483.78	
Received for Special Statistical Services	$2,900.00		
Accountable Warrants	325.00		
		3,225.00	
		633,258.78	
Adjustment of Prior Year's Expenses		316.56	
TOTAL ADMINISTRATION EXPENSES			$633,575.34
Charged to Mine Rescue Work		$ 963.28	
Charged to Silicosis Account		20,194.46	
Charged to Schedule 2 Employers		24,090.00	
Charged to Dominion of Canada		33,917.50	
Charged to Province of Ontario		4,702.00	
Charged to Schedule 1 Employers		549,708.10	
			$633,575.34

CLINIC ACCOUNT, 1941

Salaries	$ 21,011.22	
General Expenses	18,506.03	
Car Fares	1,410.00	
Travelling Expenses, Board, Lodging, Single Meals, and other expenses	24,368.35	
GROSS EXPENSES, 1941		$ 65,295.60
Refunds		6,628.61
TOTAL CLINIC EXPENSES, 1941		$ 58,666.99

CHAPTER IV

CONDITION OF FUNDS

A general statement of the condition of the funds in Schedule 1 and in Schedule 2 is contained in Table 9, and particulars of the various funds and of the Board's investments are given in Tables 10 to 14. A summary since the commencement of the Act will be found in the Appendix.

Schedule 1 Funds

The Schedule 1 funds are known and referred to as the "Accident Fund". They comprise, in addition to current funds out of which temporary payments of compensation, medical aid and administration expenses are paid, the Pension Fund, Disaster Reserve, and Compensation Deferred. The standing of the Accident Fund, showing assets and liabilities, at December 31, 1941, is shown in Table 9. The balance of assets in excess of liabilities at that date was $2,809,967.26, being $236,045.73 Disaster Reserve, $1,651,520.11 standing at the credit of the Classes December 31, 1941, and $922,401.43 reserve for depreciation of securities. This is exclusive of office equipment and furniture mentioned in Chapter III.

Pension Fund

The Pension Fund, representing the outstanding pension liability, comprises the largest part of the funds standing to the credit of Schedule 1. The purpose of the Pension Fund is to take care of future payments of pensions which have already been awarded. Actuarial tables, embodying the contingencies of death and remarriage, have been compiled to show for each age and kind of pension the average amount (sometimes referred to as capitalized value) necessary to complete pension payments. When a pension is awarded this average amount is transferred from current funds to the Pension Fund. All payments of pensions are made from the Pension Fund. Since the amount transferred in any one instance is the average amount required, no re-transfer is made should a residue be left at the expiry of the pension, nor is any additional transfer made should the amount be exhausted before expiry of the pension.

Particulars of Pension Fund

Table 10 gives particulars of the Pension Fund for each class. The balance in the fund at the commencement of 1941 was $26,187,374.37; $3,526,330.91 was transferred during the year for pension awards; $1,352,431.39 interest was added, and $2,528,266.35 was paid for pensions. The balance in the fund at the end of the year was $28,537,870.32.

The transfers for pension awards during the year included $99,236.64 from Silicosis Account to provide for pensions in cases of Silicosis in Class 5.

Disaster Reserve

The Disaster Reserve is a fund set aside under the provisions of Section 101 (2) of the Act to meet any unforeseen disaster or other circumstance which might unduly burden the employers in any class of industry. The fund has been accumulated by a transfer of one per cent. of the gross assessments up to the end of 1922, and for the year 1928. These are the only moneys set aside or held by the Board which do not directly cover liabilities actually incurred by reason of accidents which have already happened.

The standing of the Disaster Reserve is shown in Table 11. The balance at the end of 1941 was $236,045.72; $11,712.43 interest being added to the $239,782.27 in the fund at the beginning of the year, and $15,448.98 being withdrawn.

Reserve for Depreciation of Securities

During 1936 a reserve for depreciation of securities was established. This reserve is made up of excess over book values when investments are sold, and up to 1939 of excess interest not allocated to the Pension Fund, Disaster Reserve, and Compensation Deferred. Withdrawals are made on refunding debentures to "write up" values to market conditions. During the year was added $24,692.48 excess over book values of sold investments. The Reserve at the beginning of 1941 was $897,708.95, and the balance in the Reserve at December 31, 1941, was $922,401.43.

Compensation Deferred

The funds included under "Compensation Deferred" comprise compensation moneys held at interest for claimants in Schedule 1, payment being deferred to a future time by reason of the claimant being a minor or for other reasons. The condition of the fund is shown in Table 12.

At the beginning of the year the amount on hand was $79,973.24: deferred awards during the year amounted to $112,318.62, and $1,419.47 was added during the year; the payments during the year amounted to $74,734.43, leaving a balance of $118,976.90.

A considerable portion of the funds included under "Compensation Deferred" do not bear interest, payment of principal being deferred to the future.

Silicosis Account

Table 13 gives particulars of the Silicosis Account which was established to take care of special assessments and payments in Class 5 necessitated by the addition of "Silicosis" contracted in mining operations to the list of industrial diseases under the Act, by amendment effective April 8, 1926.

The balance in the account at the beginning of 1941 was $2,652,147.01; $468,837.62 was collected by assessment; $103,748.50 was credited for interest, and $1,317.58 was received from the Department of Pensions and National Health as refund; $282,417.58 was paid out (or transferred to Pension Fund) for compensation; $25,621.32 for medical aid; $90,911.29 for salaries and expenses in connection with examinations of underground mine-workers; $20,194.46 was transferred to the Accident Fund for the expenses of supervision and handling claims; $4,914.06 was paid for salaries and expenses of the Referee Board. The surplus in the account December 31, 1941, was $2,801,992.02, against which there was a liability for incurred losses of $2,610,021.93, leaving a surplus of $191,970.09.

Investments

Particulars of the Board's investments are given in Table 14.

The total invested at the end of the year in Schedule 1 was $37,769,355.69, consisting of $35,704,661.97, value of investments at the beginning of the year, $2,707,688.88, invested during the year, less $642,995.16 principal returned.

Particulars of each investment are shown in the list, including kind of investment, particular security, face rate of interest, term, par value, and book value.

With the exception of short-date deposits of current funds intended for use before the current year's assessments are received, all investments consist of Province of Ontario debentures, municipal or municipally-guaranteed debentures, and Dominion of Canada guaranteed bonds.

The average rate of interest received on permanent investments in Schedule 1 during 1941 was approximately 4.36 per cent., as compared with 4.52 per cent. in 1940, and 4.38 per cent. in 1939. A nominal half of one per cent. is received on current bank balances.

Schedule 2 Funds

The funds handled by the Board in respect of Schedule 2 industries include employers' deposits for pensions required to be made with the Board under the provisions of Section 28 of the Act, temporary deposits or advances of money made by employers under Section 32 to facilitate prompt payment of claims, and claimants' moneys held by the Board in cases of awards, payment of which by reason of the claimant being a minor, or for other reason, is deferred to a future time.

The standing of Schedule 2 funds at December 31, 1941, is shown in the latter part of Table 9, and the particulars and a list of Schedule 2 investments are given in Table 14.

At the end of 1941 the deposits held under Section 28 amounted to $3,154,784.15; deposits under Section 32 to $93,821.98; the amount of claimants' moneys held by the Board was $13,000.60; and $214,204.90 reserve for depreciation of securities, making a total of $3,475,811.63, of which $3,380,203.16 was held in permanent investments, and $95,608.47 cash in bank.

The rate of interest distributed to Schedule 2 Funds, not including reserve for depreciation of securities, during 1941 was 5.28 per cent., as compared with 5.655 per cent. distributed in 1940, and 4.92 per cent. distributed in 1939.

Table 9

STANDING SCHEDULE 1 ACCIDENT FUND AS AT DECEMBER 31, 1941

ASSETS

Cash in Banks:		
Canadian Bank of Commerce	$ 5,881.64	
Royal Bank of Canada	21,805.66	
Dominion Bank	398,189.74	$ 425,877.04
Investments		37,769,355.69
Due for Administrative Expense:		
From Schedule 2 Employers	$24,081.00	
From Dominion of Canada	33,917.50	
From Province of Ontario	4,702.00	
From Clinic	1,000.00	63,700.50
Assessments estimated to be due on adjustment of 1941 Pay Rolls (see Table 1)		1,304,245.00
Accountable Warrants to Members of Staff		5,065.00
Salary Advances to Members of Staff		485.00
		$39,568,728.23

LIABILITIES

Compensation Deferred, other than Pensions		$ 118,976.90
Pension Liability		28,537,870.32
Silicosis Account:		
Incurred Losses	$2,610,021.93	
Surplus	191,970.09	2,801,992.02
Compensation and Medical Aid Estimated Outstanding		3,755,307.97
Estimated for Pneumoconiosis:		
Definite	$1,240,322.66	
Contingent	304,291.10	1,544,613.76
Assets in Excess of Liabilities:		
Disaster Reserve	$236,045.72	
Reserve for Depreciation of Securities	922,401.43	
Balance at Credit of Classes (see Table 1)	1,651,520.11	2,809,967.26
		$39,568,728.23

STANDING SCHEDULE 2 FUNDS AS AT DECEMBER 31, 1941

ASSETS

Cash in Imperial Bank of Canada	$ 95,608.47
Investments	3,380,203.16
	$3,475,811.63

LIABILITIES

Balance Employers' Deposits:		
Under Section 28	$3,154,784.15	
Under Section 32	93,821.98	$3,248,606.13
Claimants' Moneys held by the Board		13,000.60
Reserve for Depreciation of Securities		214,204.90
		$3,475,811.63

TABLE 10

PENSION FUND, SCHEDULE 1 BY CLASSES, DECEMBER 31, 1941

Class	Balance Forward from 1940	Pension Awards during 1941	Interest Received	Pension Payments	Balance as at Dec. 31, 1941	Class
	$ c.	$ c.	$ c.	$ c.	$ c.	
1	2,370,005.03	222,824.90	120,214.17	217,193.05	2,495,851.05	1
2	1,228,573.54	129,875.57	62,896.73	105,006.62	1,316,339.22	2
3	283,027.53	24,714.25	14,258.89	26,549.53	295,451.14	3
4	706,979.78	99,481.87	36,410.22	77,694.57	765,177.30	4
5	5,029,028.53	*826,019.03	263,534.27	488,779.31	5,629,802.52	5
6	977,817.89	101,315.55	49,516.04	102,324.20	1,026,325.28	6
7	626,489.51	140,852.99	33,575.23	70,915.32	730,002.41	7
8	524,471.55	55,005.59	26,758.81	48,751.76	557,484.19	8
9	975,832.37	120,484.45	50,112.75	96,161.06	1,050,268.51	9
10	1,335,443.19	196,927.50	69,622.40	118,621.56	1,483,371.53	10
11	1,007,112.97	169,024.90	52,881.38	97,123.81	1,131,895.44	11
12	716,393.12	128,190.25	37,554.46	78,824.34	803,313.49	12
13	545,948.29	52,820.97	27,869.04	44,908.58	581,729.72	13
14	245,185.09	23,737.53	12,305.88	27,163.03	254,065.47	14
15	1,036,561.71	152,943.79	53,713.91	105,261.80	1,137,957.61	15
16	610,912.08	126,776.55	32,656.00	57,501.75	712,842.88	16
17	520,460.08	84,519.90	27,345.37	46,369.06	585,956.29	17
18	216,305.45	31,165.53	11,247.37	19,585.36	239,132.99	18
19	357,259.00	45,142.30	18,429.50	33,665.71	387,165.09	19
20	1,109,417.06	118,232.52	56,759.50	96,139.74	1,188,269.34	20
21	1,235,421.13	185,780.30	64,313.65	120,707.97	1,364,807.11	21
22	553,854.44	112,762.50	29,412.10	61,042.76	634,986.28	22
23	1,280,570.37	80,476.97	64,011.71	113,495.76	1,311,563.29	23
24	2,694,304.66	297,255.20	137,032.01	274,479.70	2,854,112.17	24
	26,187,374.37	3,526,330.91	1,352,431.39	2,528,266.35	28,537,870.32	

TRANSFERRED WITHIN THE FUND:

Class 20 to 1	$1,017.50

*Transferred from Silicosis Account, Class 5—$99,236.64

TABLE 11

DISASTER RESERVE, DECEMBER 31, 1941

Balance in Fund as at January 1, 1941		$239,782.27
Interest credited in 1941		11,712.43
		$251,494.70
Withdrawn account Class 11	$14,000.00	
Withdrawn account Class 24	1,448.98	
		15,448.98
Balance as at December 31, 1941		$236,045.72

RESERVE FOR DEPRECIATION OF SECURITIES

Balance in Fund as at January 1, 1941	$897,708.95
Amount received from Sale of Investments in Excess of Book Values	24,692.48
	$922,401.43

TABLE 12

COMPENSATION DEFERRED, DECEMBER 31, 1941

Balance in Fund, January 1, 1941	$ 79,973.24
Compensation awarded, payment deferred, during 1941	112,318.62
Interest credited in 1941	1,419.47
	193,711.33
Paid claimants during 1941	74,734.43
Balance as at December 31, 1941	$118,976.90

TABLE 13

SILICOSIS ACCOUNT, DECEMBER 31, 1941

Balance in Fund, January 1, 1941	$2,652,147.01	
Assessments collected	468,837.62	
Received from the D. P. & N. H.	1,317.58	
Interest credited during 1941	103,748.50	
Payments made during 1941:		
Compensation		$ 282,417.56
Medical Aid		25,621.32
Salaries and Expenses		90,911.29
Administrative Supervision and for handling Claims		20,194.46
Salaries and Expenses of Referee Board		4,914.06
Balance in Account, December 31, 1941		2,801,992.02
	$3,226,050.71	$3,226,050.71

TABLE 14

INVESTMENTS, DECEMBER 31, 1941

Schedule 1

Book Value of Investments, January 1, 1941	$35,704,661.97
Invested during the year	2,707,688.88
	38,412,350.85
Less Principal returned	642,995.16
BOOK VALUE OF INVESTMENTS, DECEMBER 31, 1941	$37,769,355.69

Schedule 2

Book Value of Investments, January 1, 1941	$ 3,480,327.71
Invested during the year	40,667.92
	3,520,995.63
Less Principal returned	140,792.47
BOOK VALUE OF INVESTMENTS, DECEMBER 31, 1941	$ 3,380,203.16

TABLE 14—Continued

LIST OF INVESTMENTS

SCHEDULE 1 FUNDS

Municipal Debentures

Security	Face Rate	Term	Par Value	Book Value
			$ c.	$ c.
Belleville:	5½%	May 1, 1952	120,000.00	121,920.53
	5%	1947–1949	20,000.00	19,677.08
	4½%	1943-1954	156,000.00	151,271.61
	5%	1946–1960	147,388.05	139,539.56
	5%	1946–1950	17,856.38	17,130.43
	5%	1945–1959	24,545.76	23,249.97
Bowmanville	5%	1945–1949	41,035.25	40,475.01
Brampton	4½%	1942–1944	612.53	603.28
Brantford:	4½%	Dec. 31, 1942	10,000.00	9,834.64
	6%	1942–1947	34,800.00	34,819.39
	5%	1942–1949	42,400.00	41,533.34
	5½%	1942–1953	12,000.00	12,348.91
	4%	Dec. 31, 1950	5,000.00	4,641.16
	5%	Dec. 15, 1963	50,000.00	59,307.13
Burlington	5%	1942–1951	10,843.18	10,949.15
Capreol	6%	1951–1958	18,000.00	18,338.64
Collingwood (guaranteed by County of Simcoe)	5-4½%	1967–1975	191,000.00	185,390.14
Dundas	5½%	1942–1946	7,345.45	7,357.85
East York:	5-4½%	1962–1979	172,187.29	165,130.11
	5-4½%	1963–1979	72,105.65	69,184.25
Essex, Town of	3¾%	1943–1949	1,266.00	1,266.00
Etobicoke:	5½%	1946–1949	45,000.00	46,199.96
	5%	1942–1957	21,431.99	21,487.80
	5%	1942–1957	68,000.00	67,111.40
	5%	1942–1958	24,742.02	24,812.54
	5%	1942–1948	50,071.95	48,017.37
	4½%	1948–1962	7,000.00	7,000.00
	4½%	1942–1963	27,902.43	27,902.43
Fort Erie:	5½-4½%	1971–1979	50,715.22	50,715.22
	5½-4½%	1970–1979	23,621.00	23,621.00
	5½-4½%	1975–1978	13,403.01	13,403.01
Fort William:	5%	Feb. 1, 1944	25,000.00	24,573.44
	6%	May 1, 1950	10,000.00	9,739.18
	5%	April 1, 1955	55,000.00	54,341.80
	5%	1946 & 1951	69,924.85	70,279.88
	5%	July 1, 1952	34,672.60	34,926.75
	5%	July 1, 1947	42,751.00	42,935.10
	5%	April 1, 1959	76,000.00	75,384.01
	5%	Jan. 1, 1957	30,000.00	30,960.91
Fort William (Guaranteeing McKellar Hospital)	4½%	May 1, 1948	88,000.00	87,388.44
Forest Hill Village:	5%	1943–1957	44,730.93	44,608.81
	5%	1945–1959	101,281.75	96,375.72
Galt:	5, 5½ & 6%	Dec. 6, 1961	19,284.69	18,587.37
	5½%	Dec. 1, 1962	68,400.36	71,003.98
	6%	Dec. 1, 1962	14,135.90	15,570.70
	5½%	Dec. 15, 1964	14,097.18	15,154.82
	5½%	July 2, 1965	35,254.75	37,423.19
Guelph:	4%	Dec. 31, 1953	46,441.00	41,695.11

TABLE 14—Continued

Municipal Debentures—Continued

Security	Face Rate	Term	Par Value	Book Value
			$ c.	$ c.
Hamilton:	5%	1944–1945	21,000.00	20,572.59
	4½%	Mar. 1, 1947	10,000.00	9,762.14
	5%	1947–1949	54,000.00	53,811.54
	5%	1947–1949	104,000.00	103,637.94
	5%	1947–1949	6,000.00	5,979.33
	5%	1947–1949	2,000.00	1,993.12
	4½%	1946–1948	19,000.00	18,481.09
	4½%	1946–1949	42,000.00	40,838.25
	4½%	1946–1948	47,000.00	45,733.25
	4½%	1946–1948	55,000.00	53,402.40
	4½%	1946–1948	32,000.00	31,068.83
	4½%	1946–1948	9,000.00	8,739.36
	4½%	1946–1948	16,000.00	15,534.23
	4½%	1946–1949	82,000.00	79,611.75
	4½%	1946–1949	51,000.00	49,512.70
	6%	1943–1952	170,000.00	169,885.45
	6%	April 1, 1950	26,000.00	26,783.74
	6%	April 1, 1952	17,000.00	17,577.67
	5%	1959–1963	50,000.00	50,310.98
	5%	April 1, 1945	3,000.00	2,981.10
	4½%	Feb. 1, 1944	4,000.00	3,934.80
	5%	1950–1951	28,000.00	27,620.99
	5%	1952–1953	100,000.00	98,481.55
	5%	April 1, 1951	22,000.00	21,697.56
Hanover	5½%	1945–1959	65,703.97	66,624.91
Hawkesbury	6%	1933–1940	51,432.34	48,982.22
Kenora	5%	1942–1956	38,500.00	37,686.85
Kingston:	6%	1942–1948	1,700.00	1,695.29
	6%	1943–1945	16,300.00	16,262.46
Kingsville	4½%	1942–1956	20,534.00	20,534.00
Kitchener:	5½%	1942–1946	383.80	381.27
	5½%	1946–1951	28,160.08	28,575.61
	5½%	1946–1952	18,281.49	18,563.74
La Salle	.....	....	2,279.90	2,279.90
Leaside:	5½%	1942–1949	63,000.00	61,732.64
	4½%	1942–1957	27,059.14	27,059.14
	4½%	1949–1959	54,296.74	54,110.06
Listowel	5½%	1942–1947	6,874.46	6,792.43
London	5%	1946–1950	58,000.00	58,545.30
Midland (Guaranteed by County of Simcoe):	5½–4½%	1961–1969	14,339.86	14,339.86
	5½–4½%	1961–1967	10,720.05	10,720.05
	5 –4½%	1961–1969	36,422.68	36,422.68
	5 –4½%	1960–1973	47,160.21	47,160.21
Mimico:	5½–4½%	1948–1968	59,991.10	59,991.10
	5 –4½%	1948–1965	33,360.29	33,360.29
	5½–4½%	1948–1968	39,880.05	39,880.05
Mount Forest	5%	1945–1948	26,183.59	25,937.26
New Toronto:	3%	1945–1952	40,000.00	38,704.22
	3%	1945–1952	40,000.00	38,076.66
Niagara Falls:	5%	1942 & 1945	17,983.98	17,392.61
	5½%	1942–1953	50,098.50	50,599.24
	5%	1942–1952	12,033.76	11,837.60
	3½%	1945–1949	23,000.00	23,000.00
North Bay:	5%	June 7, 1942	475.10	475.10
	6%	May 1, 1942	14,633.76	14,669.87
	5%	1942–1947	24,394.98	24,591.19
	4½%	1942 & 1943	5,579.88	5,560.10
	5½%	1942–1948	114,879.16	116,572.01

Table 14—Continued

Municipal Debentures—Continued

Security	Face Rate	Term	Par Value	Book Value
			$ c.	$ c.
Northumberland and Durham, United Counties of	5%	1942–1948	20,529.94	20,367.88
North York, Twp. of:	5½%	1942–1944	11,288.05	11,400.88
	5½%	1942–1943	13,595.88	13,699.75
	5½%	1943–1957	36,885.12	38,400.94
	5%	1942–1948	39,681.72	39,984.73
	5½%	1942–1958	22,297.30	23,334.06
Orillia (Guaranteed by County of Simcoe)	5%	1942–1954	16,156.14	16,204.06
Oshawa:	6%	1945–1951	45,133.48	44,176.74
	5%	1942–1943	33,000.00	32,842.95
	5½%	1945–1949	100,000.00	99,229.83
Ottawa:	6%	July 1, 1951	15,000.00	16,183.62
	5½%	1951 & 1961	226,000.00	225,653.01
	5½%	July 1, 1961	114,000.00	113,459.17
	5½%	July 1, 1961	46,000.00	45,873.93
	5½%	July 1, 1961	10,000.00	12,564.72
Parry Sound:	6%	1942–1944	1,766.67	1,753.57
	6%	1942–1950	37,060.15	35,279.38
Pembroke	5–4½%	1956–1961	75,025.53	75,025.53
Perth:	5%	1944–1948	55,000.00	55,512.48
	5%	1945–1950	21,000.00	20,896.18
Peterborough	4½%	June 30, 1951	50,000.00	45,133.47
Port Arthur:	5%	June 1, 1959	50,000.00	48,861.60
	5½%	June 1, 1948	53,000.00	50,538.29
Port Arthur (Guaranteeing General Hospital):	5½%	Nov. 1, 1955	100,000.00	103,710.33
	5½%	Oct. 1, 1954	40,000.00	41,314.82
Renfrew:	6%	1942–1947	3,327.99	3,345.18
	5%	1947–1958	55,034.42	55,284.43
Richmond Hill	5½%	1942–1944	1,856.34	1,856.34
Riverside	.....	....	6,399.65	6,399.65
St. Mary's:	5%	Oct. 31, 1943	4,870.30	4,831.81
	5%	Jan. 1, 1944	2,500.00	2,476.64
St. Thomas	6%	1949–1951	44,646.59	43,560.40
Sandwich East	.....	....	5,399.71	5,399.71
Sandwich West:	.....	....	7,539.62	7,539.62
	6–½%	1938–1948	80,272.18	12,040.83
Sarnia	5%	1942–1947	62,914.68	62,463.90
Sault Ste. Marie:	6%	Mar. 25, 1949	24,771.50	25,519.09
	5½%	April 1, 1950	45,000.00	42,362.19
	5½%	Jan. 20, 1945	6,000.00	6,076.63
	5½%	Jan. 20, 1945	4,000.00	4,031.60
	5½%	June 1, 1942	4,000.00	4,004.88
	5%	June 1, 1949	3,900.00	3,840.19
	5½%	Dec. 15, 1949	5,000.00	5,080.79
Scarborough	5–4½%	1960–1966	25,000.00	25,053.62
	5–4½%	1964–1978	75,474.03	73,225.42
	4½%	1954–1960	1,689.23	1,689.23
Simcoe, Town of	6%	1942–1945	2,089.40	2,111.69
Sioux Lookout	6%	1944–1947	4,000.00	4,000.00
Smith's Falls:	5½%	1942–1944	1,252.36	1,252.36
	6%	1942–1946	5,814.47	5,894.29
	5½%	1942–1947	5,356.85	5,307.77
	5%	1944–1946	54,000.00	54,000.00
Stratford:	5%	Jan. 1, 1945	25,000.00	24,662.23
	5%	Jan. 1, 1945	15,000.00	14,797.43
	5%	Jan. 1, 1945	10,000.00	9,864.89
	5%	Jan. 1, 1945	13,000.00	12,772.21

Table 14—Continued

Municipal Debentures—Continued

Security	Face Rate	Term	Par Value	Book Value
			$ c.	$ c.
Stratford:	5%	Jan. 1, 1945	2,000.00	2,004.64
	6%	Jan. 1, 1951	40,000.00	39,308.78
	5½%	Jan. 1, 1952	13,000.00	13,093.48
	5%	Jan. 15, 1955	30,000.00	30,153.48
Sudbury:	5%	1942–1949	41,288.22	40,508.62
	5%	1945–1948	66,235.66	66,069.04
	3%	1950–1954	69,052.75	66,530.82
	3%	1945–1949	29,565.51	28,761.97
Thorold	5–4½%	Aug. 15, 1979	3,000.00	2,955.54
Tillsonburg:	5½%	Mar. 20, 1945	975.00	975.00
	5½%	1942–1944	278.44	278.44
Timmins:	4%	1942–1949	70,557.33	71,627.26
	4%	1942–1949	25,175.86	25,707.92
Toronto:	4½%	July 1, 1948	4,000.00	3,668.11
	4½%	Jan. 1, 1955	19,000.00	16,421.24
	5½%	1945–1947	11,000.00	10,783.25
	6%	1943–1951	48,000.00	48,000.00
	5½%	1945–1951	19,000.00	19,346.00
	6%	1945–1951	9,000.00	9,424.30
	5%	July 1, 1950	20,000.00	20,103.59
	5%	April 1, 1950	25,000.00	25,129.46
	4½%	June 1, 1946	7,000.00	6,874.31
	4½%	May 1, 1945	2,000.00	1,971.39
	4½%	1944–1948	26,000.00	25,614.83
	5%	1947–1951	61,000.00	61,187.81
	5½%	Mar. 1, 1949	2,000.00	2,074.56
	6%	June 1, 1950	10,000.00	10,815.01
	5½%	1946–1958	53,000.00	53,578.16
	5½%	April 1, 1957	25,000.00	24,616.11
	5½%	April 1, 1947	5,000.00	4,953.28
	5½%	1958–1962	125,000.00	123,299.16
	5½%	1947–1952	17,000.00	16,446.50
	5%	July 1, 1946	30,000.00	29,984.99
	5½%	April 1, 1952	5,000.00	5,160.99
	5½%	1950–1951	15,000.00	15,457.02
	5½%	April 1, 1951	11,000.00	11,369.85
	6%	1946–1951	20,000.00	21,192.08
	4½%	Aug. 1, 1951	28,000.00	26,401.02
	6%	July 1, 1951	10,000.00	10,020.25
	3½%	Dec. 1, 1962	54,000.00	54,794.16
Toronto Harbour Commission (Guaranteed by City of Toronto)	4½%	Sept. 1, 1953	14,000.00	13,250.56
Toronto Twp. of	5½%	1942–1952	16,389.11	16,927.41
Trenton	5½%	1942–1943	25,000.00	25,186.18
Welland County of	5%	Dec. 15, 1945	10,000.00	9,868.16
Weston:	6%	1949–1952	24,949.65	26,807.95
	3%	1948–1950	33,382.30	31,940.92
West Gwillimbury (Guaranteed by County of Simcoe)	5½%	1943–1956	34,496.05	34,587.70
Whitby:	5½%	1942–1946	4,542.47	4,558.02
	5½%	1942–1946	1,645.38	1,651.93
	5½%	1942–1946	2,056.74	2,078.16
Windsor:	4%	Dec. 31, 1975	162,300.66	171,086.04
	4%	Dec. 31, 1975	145,738.15	151,122.19
	4%	Dec. 31, 1975	25,000.00	25,048.48
	4%	Jan. 1, 1948	698.72	698.72
	3¼%	Dec. 31, 1975	604,238.79	574,344.83
	3¼%	Dec. 31, 1975	110,000.00	104,560.20
	3¼%	Jan. 1, 1948	634.38	634.38
	2%	Dec. 31, 1975	145,737.13	102,476.88
	2%	Dec. 31, 1975	18,000.00	12,657.08

Table 14—Continued

Municipal Debentures—Continued

Security	Face Rate	Term	Par Value	Book Value
			$ c.	$ c.
Windsor:	2%	Jan. 1, 1948	679.06	679.06
	1½%	Dec. 31, 1975	598,654.36	361,712.83
	1½%	Dec. 31, 1975	15,000.00	9,063.15
	1½%	Jan. 1, 1948	819.22	819.22
York, Twp. of:	5–4½%	1966–1973	100,000.00	100,094.43
	6–4½%	1967–1977	102,407.13	103,688.87
	5–4½%	1975–1979	225,000.00	217,498.06
	5–4½%	1967–1973	195,000.00	195,122.02
	5–4½%	1972–1979	22,000.00	22,000.00
	5–4½%	Feb. 1, 1977	25,000.00	25,315.09
	5½–4½%	1966–1975	20,731.26	21,236.86
	6–4½%	1967–1977	8,679.27	9,089.54
	6–4½%	1966–1977	27,659.28	29,057.07
	5–4½%	1972–1979	74,000.00	73,470.26
	5–4½%	1972–1979	110,295.98	105,134.52
York Twp. (Guaranteed by County of York):	5%	1951–1956	93,000.00	89,663.43
	5%	1946–1957	21,000.00	21,083.66
			10,203,284.20	9,755,279.62

Other Permanent Investments

Canadian National Railways (Guaranteed by Dominion of Canada):			$	$ c.
	5%	Feb. 1, 1954	100,000.00	103,393.56
	5%	Feb. 1, 1954	50,000.00	51,644.87
	5%	Feb. 1, 1954	80,000.00	77,733.70
	5%	Feb. 1, 1954	36,000.00	34,862.16
	5%	Feb. 1, 1954	121,000.00	118,488.20
	5%	Feb. 1, 1954	247,000.00	242,714.47
	5%	Feb. 1, 1954	50,000.00	51,453.29
	5%	Feb. 1, 1954	23,000.00	23,681.35
	5%	Feb. 1, 1954	50,000.00	51,644.87
	5%	Feb. 1, 1954	50,000.00	51,519.09
	5%	Feb. 1, 1954	60,000.00	61,822.91
	5%	Feb. 1, 1954	25,000.00	25,783.33
	5%	Feb. 1, 1954	90,000.00	92,750.99
	5%	Feb. 1, 1954	463,000.00	454,961.43
	5%	Feb. 1, 1954	40,000.00	36,173.05
	5%	Feb. 1, 1954	115,000.00	129,556.37
	5%	Feb. 1, 1954	43,000.00	48,482.69
	5%	Feb. 1, 1954	100,000.00	113,306.17
	5%	Feb. 1, 1954	40,000.00	45,470.44
	5%	Feb. 1, 1954	25,000.00	27,831.44
	5%	Feb. 1, 1954	50,000.00	55,647.25
	5%	Feb. 1, 1954	25,000.00	27,731.15
	5%	Feb. 1, 1954	90,000.00	100,893.77
	5%	Feb. 1, 1954	50,000.00	56,879.36
	5%	Feb. 1, 1954	50,000.00	56,955.28
	5%	Feb. 1, 1954	40,000.00	45,500.66
	5%	Feb. 1, 1954	32,000.00	36,400.60
	5%	Feb. 1, 1954	46,000.00	53,242.53
	5%	Feb. 1, 1954	50,000.00	57,541.97
	5%	Feb. 1, 1954	50,000.00	57,815.36
	5%	Feb. 1, 1954	25,000.00	28,232.43
	5%	Feb. 1, 1954	25,000.00	28,498.87
	4¾%	June 15, 1955	22,000.00	24,749.34
	4¾%	June 15, 1955	24,000.00	27,359.18
	4½%	July 1, 1957	100,000.00	109,340.47
	4½%	July 1, 1957	75,000.00	81,858.64
	4½%	July 1, 1957	100,000.00	109,340.37

Table 14—Continued

Other Permanent Investments—Continued

Security	Face Rate	Term	Par Value	Book Value
			$ c.	$ c.
Canadian National Railways (Guaranteed by Dominion of Canada):	4½%	July 1, 1957	100,000.00	109,242.60
	4½%	July 1, 1957	100,000.00	109,438.13
	4½%	July 1, 1957	250,000.00	274,083.26
	4½%	July 1, 1957	60,000.00	65,955.50
	4½%	July 1, 1957	100,000.00	110,315.55
	4½%	July 1, 1957	120,000.00	132,987.93
	4½%	July 1, 1957	65,000.00	71,957.77
	4½%	July 1, 1957	75,000.00	82,371.44
	4½%	July 1, 1957	244,000.00	270,407.04
	4½%	July 1, 1957	52;000.00	58,178.28
	4½%	July 1, 1957	100,000.00	113,167.80
	4½%	July 1, 1957	117,000.00	131,185.48
	4½%	July 1, 1957	25,000.00	28,213.15
	4½%	July 1, 1957	30,000.00	33,163.21
	4½%	July 1, 1957	15,000.00	16,354.47
	4½%	July 1, 1957	50,000.00	55,513.77
	4½%	July 1, 1957	25,000.00	27,806.24
	4½%	July 1, 1957	50,000.00	55,308.71
	4½%	July 1, 1957	32,000.00	35,397.55
	4½%	July 1, 1957	23,000.00	25,536.51
	4½%	July 1, 1957	40,000.00	44,615.88
	4½%	July 1, 1957	50,000.00	56,562.42
	4½%	July 1, 1957	50,000.00	56,221.08
	4½%	July 1, 1957	50,000.00	56,262.06
	4½%	July 1, 1957	35,000.00	39,444.44
	4½%	July 1, 1957	50,000.00	56,262.06
	4½%	July 1, 1957	50,000.00	56,349.22
Dominion of Canada:	4½%	1948/58	465,000.00	486,375.78
	4½%	1948/58	30,000.00	31,657.82
	4½%	1948/58	100,000.00	105,799.62
	4½%	1948/58	50,000.00	52,972.64
	4½%	1948/58	200,000.00	211,831.93
	4½%	1948/58	23,000.00	24,325.58
	4½%	1949/59	100,000.00	106,467.69
	4½%	1949/59	135,000.00	147,038.70
	4½%	1949/59	59,000.00	64,375.63
	4½%	1949/59	185,000.00	198,378.79
	3¼%	1948/1952	120,000.00	120,000.00
	3%	1949/1952	375,000.00	370,640.26
	3%	1950/51	1,000,000.00	1,000,430.50
Province of Ontario:	5½%	July 1, 1946	250,000.00	244,174.01
	5½%	July 1, 1946	100,000.00	98,096.80
	5½%	July 1, 1946	115,000.00	114,435.46
	5½%	July 1, 1946	15,000.00	15,918.26
	5½%	July 1, 1946	200,000.00	212,018.15
	5½%	July 1, 1946	25,000.00	26,506.57
	5½%	July 1, 1946	461,000.00	452,261.57
	5½%	July 1, 1946	34,000.00	36,261.71
	3¼%	Nov. 1, 1947	100,000.00	99,612.93
	4½%	Dec. 1, 1947	13,000.00	12,425.55
	5½%	Feb. 1, 1947	125,000.00	122,047.79
	5½%	Feb. 1, 1947	226,000.00	226,401.64
	5½%	Feb. 1, 1947	145,000.00	145,702.36
	5½%	Feb. 1, 1947	116,000.00	116,401.80
	5½%	Feb. 1, 1947	10,000.00	9,825.91
	5½%	Feb. 1, 1947	100,000.00	99,792.99
	5½%	Feb. 1, 1947	10,000.00	10,712.87
	5½%	Feb. 1, 1947	62,000.00	66,493.71
	5½%	Feb. 1, 1947	35,000.00	37,505.19
	5½%	Feb. 1, 1947	91,500.00	93,751.42
	5½%	Feb. 1, 1947	50,000.00	52,173.41
	5½%	Feb. 1, 1947	150,000.00	161,777.01
	5½%	Feb. 1, 1947	25,000.00	26,898.77

Table 14—Continued

Other Permanent Investments—Continued

Security	Face Rate	Term	Par Value	Book Value
			$ c.	$ c.
Province of Ontario:	5½%	Feb. 1, 1947	60,000.00	66,103.59
	5½%	Feb. 1, 1947	25,000.00	27,548.44
	5½%	Feb. 1, 1947	44,000.00	48,486.00
	5½%	Feb. 1, 1947	25,000.00	27,481.28
	5½%	Feb. 1, 1947	20,000.00	21,468.49
	5%	Oct. 15, 1948	250,000.00	247,425.21
	5%	Oct. 15, 1948	50,000.00	50,369.99
	5%	Oct. 15, 1948	60,000.00	60,440.34
	5%	Oct. 15, 1948	25,000.00	25,189.32
	5%	Oct. 15, 1948	50,000.00	50,367.22
	5%	Oct. 15, 1948	50,000.00	50,651.95
	5%	Oct. 15, 1948	50,000.00	49,315.09
	5%	Oct. 15, 1948	50,000.00	54,620.38
	5%	Oct. 15, 1948	79,000.00	86,239.17
	5%	Oct. 15, 1948	50,000.00	53,946.02
	5%	Oct. 15, 1948	25,000.00	27,066.72
	5%	Oct. 15, 1948	50,000.00	54,946.35
	5%	Oct. 15, 1948	50,000.00	54,781.28
	5%	Oct. 15, 1948	75,000.00	82,422.32
	5%	Oct. 15, 1948	23,000.00	25,541.80
	4½%	Jan. 16, 1949	207,000.00	193,501.60
	4½%	Jan. 16, 1949	158,000.00	148,182.51
	4½%	Jan. 16, 1949	25,000.00	25,948.17
	4½%	Jan. 16, 1949	83,000.00	80,441.03
	4½%	Jan. 16, 1949	74,000.00	77,800.37
	4½%	Jan. 16, 1949	30,000.00	31,349.97
	4½%	Dec. 1, 1949	300,000.00	281,557.42
	3%	Dec. 15, 1949	50,000.00	47,597.36
	4½%	June 1, 1950	50,000.00	51,970.84
	4½%	June 1, 1950	290,000.00	311,156.76
	4½%	June 1, 1950	100,000.00	105,828.85
	4½%	June 1, 1950	135,000.00	142,815.28
	4½%	June 1, 1950	40,000.00	42,290.62
	4½%	June 1, 1950	35,000.00	37,300.13
	4½%	June 1, 1950	43,000.00	46,798.28
	4½%	Nov. 1, 1950	10,000.00	10,686.66
	3%	Nov. 1, 1950	500,000.00	495,000.00
	4½%	Dec. 1, 1950	700,000.00	653,215.75
	3¼%	Nov. 15, 1951	25,000.00	23,534.81
	3¼%	Nov. 15, 1951	25,000.00	24,625.11
	3¼%	Nov. 15, 1951	70,000.00	69,272.19
	3½%	Dec. 1, 1951	100,000.00	99,785.28
	3½%	Dec. 1, 1951	28,000.00	27,941.51
	3%	Jan. 15, 1952	46,000.00	43,602.34
	3%	Jan. 15, 1952	50,000.00	46,769.86
	5%	April 1, 1952	42,000.00	47,495.92
	3¼%	1952/1955	100,000.00	98,849.67
	4%	1952–1970	29,000.00	29,554.62
	4½%	Dec. 1, 1953	5,000.00	5,435.49
	4½%	May 15, 1954	10,000.00	10,738.26
	3%	June 1, 1954	50,000.00	46,523.74
	3%	Jan. 15, 1955	50,000.00	46,813.74
	3%	Jan. 15, 1955	12,000.00	11,127.36
	4½%	Jan. 15, 1955	15,000.00	16,433.44
	4½%	1955–1959	12,000.00	12,686.18
	4½%	Jan. 15, 1956	500,000.00	481,347.60
	4½%	1956–1968	50,000.00	56,176.07
	4%	May 15, 1957	100,000.00	104,720.00
	4½%	May 15, 1957	10,000.00	10,937.27
	4½%	1957–1970	25,000.00	28,428.04
	3%	Jan. 15, 1958	500,000.00	497,911.71
	3%	Jan. 15, 1959	500,000.00	497,886.48
	4½%	Jan. 15, 1959	20,000.00	22,511.71
	4½%	Jan. 15, 1959	30,000.00	32,666.80

Table 14—Continued

Other Permanent Investments—Continued

Security	Face Rate	Term	Par Value $ c.	Book Value $ c.
Province of Ontario:	5%	May 1, 1959	250,000.00	249,529.69
	5%	May 1, 1959	100,000.00	117,162.76
	5%	May 1, 1959	50,000.00	58,888.59
	5%	May 1, 1959	20,000.00	23,900.80
	5%	May 1, 1959	41,000.00	48,376.66
	5%	May 1, 1959	64,000.00	75,514.73
	5%	May 1, 1959	20,000.00	23,523.90
	5%	May 1, 1959	25,000.00	29,515.15
	5%	May 1, 1959	25,000.00	29,875.48
	5%	May 1, 1959	28,000.00	33,872.38
	5%	May 1, 1959	50,000.00	60,329.31
	5%	May 1, 1959	25,000.00	30,028.47
	5%	May 1, 1959	50,000.00	60,485.70
	5%	May 1, 1959	30,000.00	35,812.42
	5%	May 1, 1959	14,000.00	15,711.35
	5%	May 1, 1959	115,000.00	133,327.58
	5%	May 1, 1959	15,000.00	17,882.57
	5%	May 1, 1959	25,000.00	29,337.00
	5%	May 1, 1959	160,000.00	192,854.94
	5%	May 1, 1959	15,000.00	18,201.37
	5%	May 1, 1959	69,000.00	83,990.96
	4%	May 15, 1959	15,000.00	16,179.85
	4½%	1959–1961	18,000.00	20,117.08
	4½%	1959–1965	45,000.00	50,133.31
	4%	1960–1963	87,000.00	92,989.08
	4½%	1960–1965	42,000.00	47,432.48
	4%	1960–1966	44,000.00	45,473.64
	4½%	1960–1967	25,000.00	28,105.82
	4%	1960–1968	156,000.00	167,098.83
	4%	1960–1971	318,000.00	341,700.42
	4%	June 1, 1960	22,000.00	23,483.88
	5%	Dec. 2, 1960	30,000.00	34,775.80
	5%	Dec. 2, 1960	18,000.00	21,714.24
	5%	Dec. 2, 1960	25,000.00	29,620.23
	5%	Dec. 2, 1960	126,000.00	149,643.13
	5%	Dec. 2, 1960	25,000.00	30,172.42
	5%	Dec. 2, 1960	32,000.00	37,982.59
	5%	Dec. 2, 1960	25,000.00	30,287.44
	5%	Dec. 2, 1960	41,000.00	49,982.34
	5%	Dec. 2, 1960	61,000.00	73,620.11
	5%	Dec. 2, 1960	25,000.00	30,172.42
	5%	Dec. 2, 1960	100,000.00	122,259.22
	5%	Dec. 2, 1960	65,000.00	76,398.33
	5%	Dec. 2, 1960	35,000.00	41,091.73
	5%	Dec. 2, 1960	90,000.00	105,860.96
	5%	Dec. 2, 1960	25,000.00	29,787.75
	5%	Dec. 2, 1960	10,000.00	11,743.43
	5%	Dec. 2, 1960	10,000.00	12,225.00
	4½%	Jan. 15, 1961	50,000.00	57,405.93
	4½%	Jan. 15, 1961	50,000.00	57,407.23
	4½%	Jan. 15, 1961	20,000.00	22,810.09
	4½%	May 15, 1961	29,000.00	32,924.25
	4½%	May 15, 1961	25,000.00	28,212.35
	4%	June 1, 1961	75,000.00	81,380.23
	4%	1961–1967	20,000.00	21,427.73
	4½%	1961–1967	9,000.00	9,675.10
	4%	1961–1967	270,000.00	299,574.90
	4½%	Jan. 15, 1962	75,000.00	86,502.78
	4½%	Jan. 15, 1962	40,000.00	45,033.72
	4%	May 15, 1962	50,000.00	52,576.63
	4½%	May 15, 1962	25,000 00	28,747.04
	4%	1962–1968	6,000.00	6,362.34
	4%	1962–1970	106,000.00	112,386.64
	4%	1962–1967	296,000.00	313,827.45

Table 14—Continued

Other Permanent Investments—Continued

Security	Face Rate	Term	Par Value	Book Value
			$ c.	$ c.
Province of Ontario:	4½%	1962–1971	23,000.00	26,639.97
	4½%	May 15, 1963	43,000.00	48,075.57
	4%	1963–1964	40,000.00	41,384.88
	4½%	1963–1964	27,000.00	30,395.10
	4½%	1963–1968	12,000.00	12,950.91
	4½%	Jan. 15, 1963	125,000.00	142,917.56
	4½%	Jan. 15, 1963	89,000.00	102,212.60
	4½%	Jan. 15, 1963	75,000.00	85,653.39
	4%	June 1, 1963	32,000.00	32,934.46
	4%	1964–1968	35,000.00	38,295.98
	4½%	Jan. 15, 1965	75,000.00	86,612.64
	4½%	Jan. 15, 1965	19,000.00	21,828.20
	4½%	Jan. 15, 1965	36,000.00	41,563.20
	4½%	Jan. 15, 1965	25,000.00	28,897.38
	4½%	Jan. 15, 1965	25,000.00	28,983.46
	4½%	Jan. 15, 1965	10,000.00	11,323.00
	4½%	Jan. 15, 1965	100,000.00	113,334.30
	4½%	May 15, 1965	50,000.00	57,706.23
	4%	May 15, 1965	52,000.00	53,001.41
	4%	June 1, 1965	20,000.00	21,315.98
	4%	1965–1966	27,000.00	28,475.85
	4½%	1965–1969	78,000.00	91,095.70
	4½%	1965–1970	65,000.00	75,391.79
	4½%	Jan. 15, 1966	50,000.00	56,150.03
	4%	1966–1971	47,000.00	51,729.82
	4½%	Jan. 15, 1967	25,000.00	28,062.46
	4½%	May 15, 1967	25,000.00	27,410.25
	4%	June 1, 1967	100,000.00	107,139.11
	4½%	Jan. 15, 1968	100,000.00	117,179.22
	4%	May 15, 1968	40,000.00	42,158.89
	4½%	May 15, 1968	50,000.00	57,990.31
	4½%	May 15, 1968	85,000.00	95,648.66
	4%	June 1, 1968	10,000.00	10,000.00
	4½%	Jan. 15, 1969	100,000.00	116,665.96
	4½%	Jan. 15, 1969	50,000.00	56,400.18
	4½%	Jan. 15, 1969	15,000.00	17,893.39
	4½%	May 15, 1969	75,000.00	87,442.36
	4½%	Jan. 15, 1970	101,000.00	118,111.80
	4½%	Jan. 15, 1970	25,000.00	27,720.01
	4½%	Jan. 15, 1970	100,000.00	115,349.67
	4½%	Jan. 15, 1970	25,000.00	29,139.27
	4½%	Jan. 15, 1970	20,000.00	23,327.32
	4½%	Jan. 15, 1970	24,000.00	27,090.29
	4½%	Jan. 15, 1970	45,000.00	50,851.29
	4½%	May 15, 1970	10,000.00	11,723.86
	4½%	May 15, 1970	25,000.00	28,503.21
	4%	June 1, 1970	25,000.00	27,090.57
	4½%	Jan. 15, 1971	25,000.00	28,204.52
	4½%	Jan. 15, 1971	25,000.00	27,558.40
	4½%	Jan. 15, 1971	10,000.00	11,338.48
	4%	June 1, 1971	25,000.00	27,780.59
Province of Ontario guaranteed:				
Town of Englehart	6%	1945–1954	20,388.11	21,246.24
Hydro-Electric Power Comm'n.:	5%	July 1, 1945	78,000.00	74,809.56
	5%	July 15, 1946	50,000.00	48,094.56
	5%	July 15, 1946	50,000.00	47,566.90
	4%	Aug. 1, 1957	15,000.00	15,447.60
	4%	Aug. 1, 1957	25,000.00	25,745.95
	4%	Aug. 1, 1957	20,000.00	21,235.47
	4%	Aug. 1, 1957	55,000.00	57,317.34
	4½%	April 1, 1960	20,000.00	21,291.18
	4½%	April 1, 1960	50,000.00	53,227.68
	4½%	April 1, 1960	24,000.00	25,875.94
	4½%	April 1, 1960	22,000.00	23,857.44

Table 14—Continued

Other Permanent Investments—Continued

Security	Face Rate	Term	Par Value	Book Value
			$ c.	$ c.
Province of Ontario guaranteed:				
Hydro-Electric Power Comm'n.:	4½%	April 1, 1960	22,000.00	24,657.13
	4½%	April 1, 1960	131,000.00	146,828.41
	4½%	April 1, 1960	25,000.00	28,020.68
	4½%	April 1, 1960	81,000.00	91,842.55
	6%	July 1, 1961	120,000.00	152,277.68
	6%	July 1, 1961	25,000.00	32,324.28
	6%	July 1, 1961	100,000.00	124,952.60
	4¾%	Jan. 1, 1970	95,000.00	91,436.11
	4¾%	Jan. 1, 1970	25,000.00	22,834.80
	4¾%	Jan. 1, 1970	41,000.00	45,647.20
	4¾%	Jan. 1, 1970	46,000.00	51,317.21
	4¾%	Jan. 1, 1970	154,000.00	171,921.43
	4¾%	Jan. 1, 1970	105,000.00	124,456.80
	4¾%	Jan. 1, 1970	13,000.00	15,359.47
	4¾%	Jan. 1, 1970	57,000.00	67,727.69
	4¾%	Jan. 1, 1970	66,000.00	78,494.90
	4¾%	Jan. 1, 1970	50,000.00	59,465.94
	4¾%	Jan. 1, 1970	33,000.00	39,394.73
	4¾%	Jan. 1, 1970	75,000.00	89,397.20
	4¾%	Jan. 1, 1970	38,500.00	45,958.87
	4¾%	Jan. 1, 1970	10,000.00	11,659.06
	4¾%	Jan. 1, 1970	49,000.00	57,168.06
	4¾%	Jan. 1, 1970	100,000.00	116,585.53
	4¾%	Jan. 1, 1970	63,000.00	73,874.97
	4¾%	Jan. 1, 1970	60,000.00	68,641.46
	4¾%	Jan. 1, 1970	18,500.00	20,983.98
	4¾%	Jan. 1, 1970	35,000.00	39,716.86
	4¾%	Jan. 1, 1970	100,000.00	116,269.67
	4¾%	Jan. 1, 1970	50,000.00	58,077.47
	4¾%	Jan. 1, 1970	125,000.00	145,193.63
	4¾%	Jan. 1, 1970	50,000.00	57,849.35
	4¾%	Jan. 1, 1970	50,000.00	57,792.44
	4¾%	Jan. 1, 1970	38,000.00	43,748.33
	4¾%	Jan. 1, 1970	16,000.00	18,914.10
	4¾%	Jan. 1, 1970	100,000.00	114,336.24
Sandwich, Windsor & Amherstburg Railway:	4½%	June 1, 1943	49,000.00	48,115.97
	4½%	June 1, 1943	25,000.00	25,271.02
Sturgeon Falls	6%	1946–1952	40,092.65	48,468.93
Temiskaming & Northern Ontario Railway:	4%	1951–1952	269,000.00	274,008.75
	4%	1953–1957	160,000.00	167,879.69
	4%	1954–1959	69,000.00	70,255.44
	4%	Feb. 1, 1956	70,000.00	72,636.31
	4%	1958–1967	112,000.00	118,019.70
	4%	Feb. 1, 1959	145,000.00	125,099.26
	4%	1960–1965	31,000.00	32,534.27
	4%	Feb. 1, 1963	33,000.00	34,608.00
	4%	1965–1966	16,000.00	17,402.94
	4%	Feb. 1, 1966	100,000.00	108,473.17
	4%	Feb. 1, 1967	35,000.00	37,935.97
	4%	Feb. 1, 1967	100,000.00	105,266.91
	4%	1967–1968	55,000.00	57,929.66
Tisdale, Township of:	6%	1943–1944	14,226.05	14,652.96
	6%	1943–1944	6,713.43	6,915.46
			26,383,920.24	28,014,076.07
TOTAL PERMANENT INVESTMENTS, SCHEDULE 1			36,587,204.44	37,769,355.69

Table 14—Continued

SCHEDULE 2 FUNDS

Municipal Debentures

Security	Face Rate	Term	Par Value	Book Value
			$ c.	$ c.
Barton, Twp.	5½%	July 14, 1952	63,000.00	63,759.19
Belleville:	5%	1943–1945	3,450.26	3,397.17
	5%	1943–1950	8,000.00	7,775.72
	5%	1942–1946	7,847.68	7,718.56
Brantford	4%	Dec. 31, 1949	15,000.00	13,634.95
Chippawa, (Guaranteed by County of Welland)	5½%	1942–1944	17,378.64	17,368.10
Cornwall	5½%	1942–1943	6,818.08	6,808.46
Etobicoke, Twp.:	5%	1942–1955	23,235.14	22,566.34
	5%	1942–1956	30,239.57	30,151.88
	5½%	1942–1956	58,470.29	59,957.96
	5%	1948–1955	43,000.00	41,356.87
Galt	5%	Dec. 15, 1965	19,460.45	18,567.15
Hamilton:	4½%	1945–1946	65,000.00	62,242.14
	4½%	1945–1946	57,000.00	54,896.26
	5%	1942–1946	35,000.00	34,616.05
	4½%	May 1, 1961	10,000.00	11,305.11
Kingston	5%	July 1, 1955	70,000.00	66,995.89
Kitchener	6%	1944–1947	10,418.06	10,639.17
London:	5%	Dec. 30, 1954	411,000.00	394,166.98
	5%	1945–1956	119,000.00	116,962.82
	5%	1943–1955	63,000.00	62,326.72
North Bay	5½%	Mar. 2, 1943	16,000.00	15,916.02
Peterborough	5%	Dec. 31, 1945	20,000.00	19,643.03
Renfrew, Town	5½%	1949–1953	50,234.63	50,627.46
Stamford, Twp.	5½%	1942–1954	234,474.58	235,082.95
Stratford:	5.30%	July 1, 1954	82,000.00	82,744.90
	5%	1942–1956	95,013.19	92,881.18
Thorold	5–4½%	1963–1979	48,048.40	46,267.48
Toronto:	5%	1950–1951	50,000.00	49,090.03
	4½%	Jan. 1, 1949	5,000.00	4,708.23
	5%	July 1, 1950	4,000.00	3,881.70
	4½%	April 1, 1961	5,000.00	5,552.20
Victoria, County	5%	1951–1959	17,954.20	17,055.21
Waterloo, Town	5½%	1942–1947	16,195.72	16,119.16
York, Twp.	5–4½%	1972–1979	214,197.93	204,204.91
			1,994,436.82	1,950,987.95

Table 14—Continued

SCHEDULE 2 FUNDS

Other Permanent Investments

Security	Face Rate	Term	Par Value	Book Value
			$ c.	$ c.
Canadian National Railways (Guaranteed by Dominion of Canada):	5%	Feb. 1, 1954	50,000.00	47,281.86
	5%	Feb. 1, 1954	50,000.00	56,879.11
	4½%	July 1, 1957	60,000.00	66,739.48
Dominion of Canada:	4½%	Nov. 1, 1948/58	50,000.00	52,763.23
	4½%	Nov. 1, 1949/59	377,000.00	409,963.49
Hydro-Electric Power Commission (Guaranteed by Province of Ontario):	4½%	April 1, 1960	50,000.00	55,325.78
	6%	July 1, 1961	28,000.00	34,871.20
	4¾%	Jan. 1, 1970	63,000.00	73,177.74
Province of Ontario:	5%	Oct. 1, 1942	31,000.00	30,853.15
	5½%	Feb. 1, 1947	40,000.00	44,077.45
	5%	Oct. 15, 1948	50,000.00	50,368.36
	5%	April 1, 1952	19,000.00	18,436.98
	5%	May 1, 1959	25,000.00	30,109.72
	5%	May 1, 1959	25,000.00	29,889.73
	5%	May 1. 1959	15,000.00	17,572.89
	4½%	1955–1966	10,000.00	11,328.50
	4½%	1959–1970	30,000.00	34,477.09
	5%	Dec. 2, 1960	100,000.00	119,043.68
	4%	June 1, 1966	100,000.00	109,046.20
	4½%	1966–1968	15,000.00	17,107.29
	4½%	May 15, 1970	7,000.00	7,959.16
	4½%	May 15, 1970	5,000.00	5,700.59
	4%	1970–1971	20,000.00	21,626.95
	4%	June 1, 1971	30,000.00	32,170.53
Temiskaming & Northern Ontario Railway (Guaranteed by Province of Ontario)	4%	1960–1966	35,000.00	35,783.33
	4%	1953–1968	16,000.00	16,661.72
			1,301,000.00	1,429,215.21
TOTAL PERMANENT INVESTMENTS, SCHEDULE 2			3,295,436.82	3,380,203.16

CHAPTER V

1940 OPERATIONS

This chapter deals with the year 1940, containing information which was not available when the report for that year was made.

It gives the final financial statement for Schedule 1 industries for the year, estimates of the adjustments of assessments and of the outstanding compensation and medical aid having to be used in the provisional statement given in Table 1 of the 1940 report; and it gives statistical information as to the accidents which happened during 1940, their causes, the nature of the injuries suffered, the number, time loss, total and average cost of the different classes of cases, and the age, wage, nationality, and marital condition of the injured workmen.

This information is contained in Tables 15 to 26.

Final Financial Statement, Schedule 1, 1940

Table 15 gives the final financial statement for Schedule 1 industries for 1940, provisional figures for which were given in Table 1 of the 1940 report. It shows the income and credits and the expenditures and charges and the balance for each class of industry; also the actual assessments and accident cost and other items of income and expenditure for each class, and the assessments and accident cost for each group of industry within the class. The list of industries included in each class and group will be found in the Board's rate book, the list of industries in the different classes is also printed with the Act, and their general nature is indicated at the bottom of Table 1 of this report.

The net income and credits for all classes for the year were $6,925,186.01, and the net expenditure and charges $7,439,186.64, leaving a deficit for the year of $514,000.63. Adding the surplus forward from prior years of $3,737,738.07, leaves a net actual surplus of $3,223,737.44, as compared with a provisional or estimated surplus of $2,013,381.13, the disparity being largely due to claims (especially for pneumoconiosis) for accidents occurring in 1940 and prior years not being finally disposed of in 1941.

Assessments and Accident Cost

The assessments and accident cost (the latter comprising compensation and medical aid and payments on account of rehabilitation but not including payments from the Silicosis Account) in Schedule 1 for each year since the commencement of the Act, and the totals to the end of 1940, are as follows:

Year	Assessments	Accident Cost
1915	$1,831,537.52	$1,091,020.43
1916	2,361,463.20	1,880,004.37
1917	2,662,383.29	2,639,560.56
1918	3,303,575.83	3,214,427.57
1919	3,840,949.07	4,474,847.38
1920	5,579,333.45	5,041,947.30
1921	4,594,452.37	4,277,034.67
1922	3,984,594.64	4,323,801.07
1923	3,771,321.09	4,977,331.82
1924	4,524,700.86	4,746,314.60
1925	4,390,854.75	4,438,802.13
1926	5,167,126.64	4,711,970.90
1927	5,465,763.17	5,082,073.51
1928	6,739,696.80	6,083,772.14
1929	7,505,431.10	6,861,274.51

Year	Assessments	Accident Cost
1930	6,396,105.73	5,925,502.17
1931	4,608,677.15	4,472,209.18
1932	3,292,309.25	3,177,386.47
1933	2,729,936.41	2,795,085.82
1934	4,192,200.35	3,904,134.13
1935	5,254,667.17	4,386,477.31
1936	6,075,763.79	4,543,669.26
1937	5,728,493.82	5,321,732.42
1938	6,303,914.88	5,331,350.47
1939	5,830,424.56	5,371,473.15
1940	6,686,948.13	6,691,025.57
Totals	$122,822,625.02	$115,764,229.01

Pay Roll and Rates of Assessment

As assessments are in the form of a percentage of pay roll, the average rate paid by the employers in Schedule 1 can be determined by dividing the total assessments for the year by the total pay roll. The following table shows the total amount of pay roll and the total assessments and the average rate for $100 pay roll for each year:

Year	Total Pay Roll	Total Assessments	Average Rate per $100
1915	$147,603,000	$1,831,537.52	$1.24
1916	220,840,000	2,361,463.20	1.07
1917	286,903,000	2,662,383.29	.93
1918	310,450,000	3,303,575.83	1.06
1919	325,226,000	3,840,949.07	1.18
1920	464,589,000	5,579,333.45	1.20
1921	355,259,000	4,594,452.37	1.29
1922	391,888,000	3,984,594.64	1.02
1923	434,163,000	3,771,321.09	.87
1924	386,318,000	4,524,700.86	1.17
1925	390,652,000	4,390,854.75	1.04
1926	424,926,000	5,167,126.64	1.22
1927	455,016,000	5,465,763.17	1.20
1928	504,102,000	6,739,696.80	1.34
1929	559,429,000	7,505,431.10	1.34
1930	472,742,000	6,396,105.73	1.35
1931	389,740,000	4,608,677.15	1.18
1932	317,605,000	3,292,309.25	1.04
1933	288,917,000	2,729,936.41	.94
1934	346,735,000	4,192,200.35	1.21
1935	386,782,000	5,254,667.17	1.36
1936	410,792,000	6,075,763.79	1.48
1937	517,621,000	5,728,493.82	*1.11
1938	481,215,000	6,303,914.88	1.31
1939	550,040,000	5,830,424.56	1.06
1940	655,550,000	6,686,948.13	1.02

*The decrease in rate for 1937 was due to refund of penalty assessments under a differential rating plan in force during 1936 and 1937 and abrogated during 1938.

Final Accident Figures, 1940

Table 16 shows the number of accidents happening in 1940 (in all industries under the Act) for which payment of compensation or medical aid was made. The total number was 72,292, of which 269 were death cases, 1,432 involved some degree of permanent disability, 27,245 temporary disability cases, and 43,346 cases which involved medical aid only. Ordinarily Schedule 2 cases involving medical aid only are not included, as in these cases medical aid is furnished directly by the employer.

The complete figures for each year since the commencement of the Act are as follows:

Year	Medical Aid Only	Temporary Disability	Permanent Disability	Death	Totals
1915	*.....	9,311	1,339	296	10,946
1916	*.....	15,993	2,232	373	18,598
1917	† 4,267	21,556	2,475	370	28,668
1918	12,822	24,089	2,624	366	39,901
1919	11,769	22,418	2,457	364	37,008
1920	15,566	27,423	2,735	373	46,097
1921	12,141	22,855	2,079	331	37,406
1922	15,913	24,461	2,082	325	42,781
1923	20,125	28,954	2,340	327	51,746
1924	20,811	25,980	2,191	315	49,297
1925	22,444	26,040	2,157	264	50,905
1926	25,330	27,150	2,421	308	55,209
1927	27,852	28,836	2,476	311	59,475
1928	31,688	30,440	2,926	414	65,468
1929	34,582	32,920	3,372	417	71,291
1930	29,189	25,613	3,147	394	58,343
1931	21,970	20,543	2,495	231	45,239
1932	17,320	15,466	1,805	167	34,758
1933	17,258	14,235	1,511	159	33,163
1934	24,552	22,020	1,790	211	48,573
1935	27,904	23,024	992	208	52,128
1936	30,086	22,954	835	272	54,147
1937	34,318	26,427	1,049	248	62,042
1938	29,559	21,501	936	276	52,272
1939	30,672	21,203	1,020	215	53,110
1940	43,346	27,245	1,432	269	72,292
Totals	561,484	608,657	52,918	7,804	1,230,863

*No Medical Aid. †Half Year Only.

Accident Frequencies, Schedule 1

Comparison of accident frequencies can be made by correlating the number of accidents with the total number of full-year workers, data for this being available, however, only in Schedule 1. Eliminating accidents in which medical aid only was paid, the number of accidents for each 100 full-year workers for the different years are:

Year	Temporary Disability	Permanent Disability	Death	Totals
1915	3.63	.58	.12	4.32
1916	4.99	.79	.10	5.88
1917	5.78	.72	.07	6.57
1918	5.81	.66	.07	6.54
1919	5.81	.68	.07	6.56
1920	6.23	.67	.07	6.97
1921	6.25	.60	.05	6.90
1922	5.82	.52	.06	6.40
1923	6.02	.51	.05	6.58
1924	6.08	.54	.06	6.68
1925	5.94	.51	.05	6.50
1926	5.84	.54	.05	6.43
1927	5.94	.53	.05	6.52
1928	5.85	.58	.07	6.50
1929	5.80	.61	.06	6.47
1930	5.08	.66	.07	5.81
1931	4.28	.56	.04	4.88
1932	3.59	.45	.03	4.07
1933	3.22	.37	.03	3.62
1934	3.94	.37	.04	4.35
1935	4.18	.19	.04	4.41
1936	4.31	.16	.04	4.51
1937	4.47	.18	.04	4.69
1938	3.75	.17	.05	3.97
1939	3.33	.17	.03	3.53
1940	3.90	.22	.03	4.15

On the same basis of calculation, the frequency of medical aid only cases has been: 1918, 3.66; 1919, 3.70; 1920, 4.26; 1921, 4.24; 1922, 4.67; 1923, 4.96; 1924, 5.84; 1925, 6.09; 1926, 6.37; 1927, 6.73; 1928, 7.09; 1929, 7.06; 1930, 6.84; 1931, 5.72; 1932, 5.06; 1933, 4.94; 1934, 5.65; 1935, 6.16; 1936, 6.55; 1937, 6.63; 1938, 5.97; 1939, 5.56; 1940, 4.29.

Statistical Distributions

Tables 17 to 26 give statistical details regarding accidents and workmen, including, where the data is available, Schedule 2 and Crown cases as well as Schedule 1. Considerations of space preclude more extensive tabulations, but the original material is retained and still fuller information is always available concerning the accidents in any of the different classes of industry.

Month of Occurrence

Table 17 gives the month of occurrence of all accidents. The month in which the greatest number of accidents occurred during 1940 was October, with 7,449, and the month with the lowest number was April, with 4,482.

Accidents According to Locality

The distribution of accidents according to the county or district in which they occurred is contained in Table 18. York had the highest number, with 18,190, and next in order were: Temiskaming-Cochrane, with 5,656; Wentworth, with 5,224; Essex, with 3,669; and Thunder Bay, with 3,177. The greatest number of deaths (32) were in York; there were 31 in Temiskaming-Cochrane; 22 in Welland; 15 in Thunder Bay; and 13 in each of Algoma and Wentworth.

Time Loss, Age, and Wage

In Table 19 are given the average age and wage of workmen receiving compensation and the total and average time loss for each class of industry, and for each category of disability. The average age for 1940 was 35.81 years. The average wage for 1940 was $21.69, as compared with $20.40 for 1939, and $19.84 for 1938. The total time loss in temporary disability cases was 704,787 days, or an average of 25.87 days, as compared with an average of 27.00 days in 1939 and 27.07 days in 1938.

Compensation and Medical Aid Costs, Schedule 1

Table 20 contains the total and average cost of compensation and medical aid by classes in Schedule 1 for each kind of disability.

The total cost of all accidents was $6,691,025.57, of which $5,235,270.20 was for compensation (including payments for rehabilitation but not for silicosis cases) and $1,455,755.37 for medical aid (except in silicosis cases).

Of the $5,235,270.20 compensation cost, $2,055,899.21 was for temporary disability cases, $2,385,288.92 was for permanent disability cases, and $794,082.07 was for death cases.

The average cost of temporary disability cases was $126.61, of which $88.27 was for compensation and $38.34 was for medical aid, the average in 1939 being $141.69.

The average cost of permanent disability cases was $2,074.94, of which $356.43 was for temporary disability, $1,489.77 was for permanent disability, and $228.74 was for medical aid.

The average cost of death cases, where there were dependants, was $4,896.28 and the average cost of all death cases was $4,347.05, of which

$46.79 was for temporary disability, $126.32 for burial expenses (including transportation of body), $4,096.15 for death benefits, and $77.79 for medical aid.

The average cost of all cases in which compensation was paid was $259.92, of which $211.36 was for compensation, and $48.56 was for medical aid, as compared with $271.01 for 1939 and $266.54 for 1938.

The average cost of medical aid in medical aid only cases was $5.89, as compared with $6.03 in 1939 and $5.99 in 1938.

Allegiance of Injured

Table 21 shows the allegiance of injured workers who received compensation, as taken from their own reports. There were 25,675, or over 90 per cent. of British allegiance, and 2,234 of foreign allegiance (information being lacking in 1,037 cases). Among the aliens the most numerous were: Poles, Finns, Russians (including Ukrainians), Jugo-Slavians, Czecho-Slovaks, and Austrians.

Sex and Marital Condition of Injured

Table 22 gives the sex and marital condition of those receiving compensation. There were 28,280 males and 666 females. Of the males, 15,099 were married and 166 of the females. There were 432 widowers and 45 widows.

Duration of Disability

Table 23 shows the week of termination of temporary disability cases. In over 42 per cent. of the cases the disability terminated in from one to two weeks. In 56 cases the disability lasted for more than a year.

Nature of Injuries

The first part of Table 24 shows the number of various kinds of temporary disability injuries in the different classes of industry; the second part gives an analysis of the permanent disability cases, showing the number of injuries to the several parts of the body and the percentage of impairment of earning capacity; and the third part of the table shows the number and nature of the industrial disease cases.

In 1940, there were 8,042 cuts, lacerations, and punctures; 4,617 bruises, contusions and abrasions; 4,587 fractures; 4,830 sprains, strains, twistings and wrenchings; 1,659 crushes; 1,137 scalds and burns; 853 injuries to eyes; 212 dislocations; and 578 herniae.

Among the 1,432 permanent disability cases were 25 permanent total disability cases, and 504 exceeded ten per cent. of working capacity.

There were 71 industrial disease cases, of which 10 were medical aid only cases, 51 were temporary disability cases, 2 were permanent disability cases, and 8 were death cases. Included in these totals are 23 cases of lead poisoning, 12 cases of arsenic poisoning, 2 cases of chrome poisoning, 1 case of benzol poisoning, 1 case of brass poisoning, 1 case of carbon tetra-chloride poisoning, and 31 cases of silicosis and pneumoconiosis.

Causes of Accidents

Table 25 gives the prime causes of accidents in 1940. Machinery was responsible for 17,783 out of a total of 72,292, or over 24 per cent. of all cases, as compared with 22 per cent. each in 1939 and 1938.

Death Cases

The nature of awards, the number, relationship, and residence of dependants, are shown in Table 26.

TABLE 15

FINAL FINANCIAL STATEMENT FOR 1940, SCHEDULE 1

By Classes

Class	Income and Credits	Expenditure and Charges	Balance for 1940	Balance Forward Prior Years	Balance at Dec. 31, 1940	Class
	$ c.	$ c.	$ c.	$ c.	$ c.	
1	701,522.58	724,419.88	−22,897.30	−88,759.63	−111,656.93	1
2	333,391.91	358,039.78	−24,647.87	131,944.67	107,296.80	2
3	66,273.98	73,760.63	−7,486.65	13,808.98	6,322.33	3
4	190,142.65	195,463.21	−5,320.56	−4,660.20	−9,980.76	4
5	1,044,295.79	*1,294,170.23	−249,874.44	748,542.99	498,668.55	5
6	154,748.01	212,361.07	−57,613.06	78,395.78	20,782.72	6
7	141,275.68	225,616.95	−84,341.27	107,648.01	23,306.74	7
8	177,462.75	182,416.80	4,954.05	150,867.80	145,913.75	8
9	275,494.05	281,396.52	−5,902.47	214,974.10	209,071.63	9
10	440,205.27	507,549.03	−67,343.76	245,265.95	177,922.19	10
11	339,978.32	336,620.39	3,357.93	281,052.95	284,410.88	11
12	168,234.37	169,020.50	−786.13	290,755.37	289,969.24	12
13	100,234.24	83,455.99	16,778.25	34,219.95	50,998.20	13
14	57,672.56	80,641.89	−22,969.33	43,012.85	20,043.52	14
15	358,001.29	341,546.42	16,454.87	105,954.45	122,409.32	15
16	101,682.50	184,216.28	−82,533.78	70,425.87	−12,107.91	16
17	143,820.85	177,908.38	−34,087.53	29,124.55	−4,962.98	17
18	75,493.15	89,874.39	−14,381.24	61,309.84	46,928.60	18
19	95,619.53	115,501.43	−19,881.90	49.57	−19,832.33	19
20	408,226.82	358,149.04	50,077.78	107,664.60	157,742.38	20
21	289,035.98	265,063.28	23,972.70	262,575.15	286,547.85	21
22	254,645.87	256,175.96	−1,530.09	203,693.79	202,163.70	22
23	119,247.68	171,503.19	−52,255.51	257,666.45	205,410.94	23
24	888,480.18	754,315.40	134,164.78	392,204.23	526,369.01	24
	6,925,186.01	**7,439,186.64	−514,000.63	3,737,738.07	3,223,737.44	

*Includes $15,477.04 for Mine Rescue Work.

**Includes $ 8,622.74 for Rehabilitation.

TABLE 15—Continued

By Groups

Group and Class	Assessments and Compensation		Other Credits and Charges			
	Assessments	Compensation and Medical Aid	All Other Income	All Other Outlays	Balance Forward Prior Years	Balance at December 31, 1940
	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Group 010	453,915.60	461,423.71				
" 011	67,027.51	80,553.42				
" 013	178,289.97	97,523.72				
Class 1	699,233.08	639,500.85	2,289.50	84,919.03	−88,759.63	−111,656.93
Group 020	176,085.95	180,304.87				
" 022	149,682.55	141,908.32				
Class 2	325,768.50	322,213.19	7,623.41	35,826.59	131,944.67	107,296.80
Group 030	65,163.57	66,286.49				
Class 3	65,163.57	66,286.49	1,110.41	7,474.14	13,808.98	6,322.33
Group 040	142,558.91	105,029.78				
" 042	46,178.55	68,057.03				
Class 4	188,737.46	173,086.81	1,405.19	22,376.40	−4,660.20	−9,980.76
Group 051	879,622.51	914,280.94				
" 052	46,201.72	176,370.33				
" 055	29,404.28	23,880.51				
" 056	45,782.04	55,615.85				
" 057	5,408.18	2,825.94				
Class 5	1,006,418.73	1,172,973.57	37,877.06	121,196.66	748,542.99	498,668.55
Group 060	57,602.65	72,647.71				
" 062	6,894.73	10,435.06				
" 063	25,543.33	37,984.63				
" 064	21,397.40	16,031.82				
" 065	11,357.42	45,302.27				
" 066	27,921.16	12,184.74				
Class 6	150,716.69	194,586.23	4,031.32	17,774.84	78,395.78	20,782.72
Group 070	135,916.55	207,501.93				
Class 7	135,916.55	207,501.93	5,359.13	18,115.02	107,648.01	23,306.74
Group 080	86,234.36	83,310.38				
" 082	65,045.37	61,705.28				
" 083	17,849.95	20,175.65				
Class 8	169,129.68	165,191.31	8,333.07	17,225.49	150,867.80	145,913.75
Group 090	61,550.02	35,684.00				
" 091	81,679.59	48,539.02				
" 094	98,997.47	136,556.31				
" 095	21,548.33	31,012.65				
Class 9	263,775.41	251,791.98	11,718.64	29,604.54	214,974.10	209,071.63

TABLE 15—Continued

By Groups

Group and Class	Assessments and Compensation		Other Credits and Charges			
	Assessments	Compensation and Medical Aid	All Other Income	All Other Outlays	Balance Forward Prior Years	Balance at December 31, 1940
	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Group 100	332,158.95	361,588.79				
" 104	48,277.12	38,594.33				
" 106	46,829.34	56,161.92				
Class 10	427,265.41	456,345.04	12,939.86	51,203.99	245,265.95	177,922.19
Group 110	66,163.57	48,275.81				
" 111	224,968.16	229,904.08				
" 113	28,290.63	22,891.07				
Class 11	319,422.36	301,070.96	20,555.96	35,549.43	281,052.95	284,410.88
Group 120	36,393.52	62,945.02				
" 121	45,864.08	33,772.52				
" 122	26,833.80	25,640.19				
" 123	16,729.78	4,641.21				
" 124	25,785.41	22,847.56				
Class 12	151,606.59	149,846.50	16,627.78	19,174.00	290,755.37	289,969.24
Group 130	65,268.92	59,592.27				
" 131	33,263.04	16,644.26				
Class 13	98,531.96	76,236.53	1,702.28	7,219.46	34,219.95	50,998.20
Group 140	55,382.03	72,816.60				
Class 14	55,382.03	72,816.60	2,290.53	7,825.29	43,012.85	20,043.52
Group 150	112,160.77	78,587.89				
" 151	60,609.04	73,135.08				
" 152	26,065.49	23,732.81				
" 153	46,929.57	24,655.07				
" 154	23,116.40	25,925.89				
" 155	67,429.91	66,041.19				
" 156	9,118.96	7,247.31				
Class 15	345,430.14	299,325.24	12,571.15	42,221.18	105,954.45	122,409.32
Group 160	28,182.07	40,266.19				
" 161	13,256.90	17,298.87				
" 162	11,610.64	17,074.29				
" 163	45,042.49	94,726.42				
Class 16	98,092.10	169,365.77	3,590.40	14,850.51	70,425.87	−12,107.91
Group 170	89,580.31	106,097.55				
" 171	52,736.75	53,965.49				
Class 17	142,317.06	160,063.04	1,503.79	17,845.34	29,124.55	−4,962.98
Group 180	36,268.55	39,658.68				
" 181	36,022.30	42,414.76				
Class 18	72,290.85	82,073.44	3,202.30	7,800.95	61,309.84	46,928.60

TABLE 15—Continued

By Groups

Group and Class	Assessments and Compensation		Other Credits and Charges			
	Assessments	Compensation and Medical Aid	All Other Income	All Other Outlays	Balance Forward Prior Years	Balance at December 31, 1940
	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Group 190	28,652.93	25,393.70				
" 191	66,822.94	77,618.94				
Class 19	95,475.87	103,012.64	143.66	12,488.79	49.57	−19,832.33
Group 200	229,252.76	204,449.85				
" 201	156,380.49	123,103.34				
Class 20	385,633.25	327,553.19	22,593.57	30,595.85	107,664.60	157,742.38
Group 210	259,166.64	215,653.23				
" 211	16,602.89	22,640.96				
Class 21	275,769.53	238,294.19	13,266.45	26,769.09	262,575.15	286,547.85
Group 220	22,503.54	22,797.48				
" 221	28,733.10	38,833.27				
" 222	61,136.24	24,908.01				
" 223	131,100.54	146,690.00				
Class 22	243,473.42	233,228.76	11,172.45	22,947.20	203,693.79	202,163.70
Group 230	49,564.03	81,074.76				
" 231	29,205.28	42,633.49				
" 232	27,300.43	34,377.00				
Class 23	106,069.74	158,085.25	13,177.94	13,417.94	257,666.45	205,410.94
Group 240	646,333.70	472,625.86				
" 243	30,006.19	27,811.54				
" 244	60,070.77	44,609.42				
" 245	69,843.81	68,042.91				
" 246	54,077.43	50,357.35				
" 249	4,996.25	7,128.98				
Class 24	865,328.15	670,576.06	23,152.03	83,739.34	392,204.23	526,369.01
Schedule 1	6,686,948.13	*6,691,025.57	238,237.88	**748,161.07	3,737,738.07	3,223,737.44

*Includes $ 8,622.74 for Rehabilitation.

**Includes $15,477.04 for Mine Rescue Work.

TABLE 16

NUMBER OF ACCIDENTS IN 1940 INVOLVING PAYMENT

Class	Medical Aid Only	Temporary Disability	Permanent Disability	Death	TOTALS
1	1,025	3,330	136	22	4,513
2	1,631	1,599	53	9	3,292
3	645	362	36	2	1,045
4	1,019	662	70	..	1,751
5	3,059	1,919	153	46	5,177
6	649	386	19	3	1,057
7	1,178	481	39	7	1,705
8	1,373	504	22	3	1,902
9	3,867	1,112	58	2	5,039
10	6,631	2,077	177	5	8,890
11	5,684	1,249	81	5	7,019
12	1,100	509	30	7	1,646
13	394	262	11	3	670
14	826	332	9	2	1,169
15	2,648	1,332	62	6	4,048
16	1,008	423	32	5	1,468
17	1,158	598	43	4	1,803
18	969	474	12	1	1,456
19	935	378	34	1	1,348
20	1,481	1,283	46	15	2,825
21	1,051	765	33	2	1,851
22	1,555	992	31	9	2,587
23	311	278	14	11	614
24	2,706	1,984	91	16	4,797
Totals	42,903	23,291	1,292	186	67,672
Schedule 2	8	1,560	74	46	1,688
Crown Cases	435	2,394	66	37	2,932
GRAND TOTALS	43,346	27,245	1,432	269	72,292

TABLE 17

MONTH OF OCCURRENCE OF ACCIDENTS, 1940

Month of Occurrence	Medical Aid Only	Temporary Disability	Permanent Disability	Death	TOTALS
January	2,584	2,150	105	13	4,852
February	2,617	2,075	116	19	4,827
March	2,643	1,777	99	10	4,529
April	2,843	1,527	100	12	4,482
May	3,355	1,860	126	20	5,361
June	3,709	2,145	110	19	5,983
July	4,464	2,652	103	26	7,245
August	4,425	2,509	127	26	7,087
September	4,136	2,394	151	14	6,695
October	4,548	2,741	142	18	7,449
November	4,370	2,799	130	62	7,361
December	3,652	2,616	123	30	6,421
TOTALS	43,346	27,245	1,432	269	72,292

TABLE 18

LOCALITY OF ACCIDENTS, 1940

County or District	Medical Aid Only	Temporary Disability	Permanent Disability	Death	TOTALS
Algoma	745	734	34	13	1,526
Brant	1,036	367	24	2	1,429
Bruce	105	143	12	1	261
Carleton	1,046	897	38	7	1,988
Dufferin	8	6	..	2	16
Dundas	24	27	1	..	52
Durham	123	68	5	1	197
Elgin	301	192	11	1	505
Essex	2,902	690	68	9	3,669
Frontenac	683	324	17	2	1,026
Glengarry	9	20	3	1	33
Grenville	68	71	4	1	144
Grey	374	216	12	5	607
Haldimand	183	104	5	2	294
Haliburton	66	96	8	..	170
Halton	205	156	8	2	371
Hastings	461	473	21	3	958
Huron	119	148	9	..	276
Kenora	299	449	28	5	781
Kent	582	269	14	3	868
Lambton	540	217	20	1	778
Lanark	160	153	4	1	318
Leeds	259	148	14	1	422
Lennox-Addington	61	94	6	1	162
Lincoln	1,098	473	29	..	1,600
Manitoulin	18	33	..	1	52
Middlesex	897	648	33	10	1,588
Muskoka	77	216	12	3	308
Nipissing	305	739	23	2	1,069
Norfolk	174	82	7	1	264
Northumberland	189	118	3	..	310
Ontario	1,473	231	19	1	1,724
Oxford	571	313	11	..	895
Parry Sound	175	463	11	5	654
Patricia	474	260	14	5	753
Peel	334	182	14	5	535
Perth	264	250	8	1	523
Peterborough	616	296	21	3	936
Prescott	68	97	3	1	169
Prince Edward	85	89	1	..	175
Rainy River	207	275	9	2	493
Renfrew	249	419	23	1	692
Russell	...	18	5	2	25
Simcoe	803	717	19	8	1,547
Stormont	202	174	17	4	397
Sudbury	463	868	70	10	1,411
Temiskaming-Cochrane	3,070	2,438	117	31	5,656
Thunder Bay	1,310	1,795	57	15	3,177
Victoria	86	144	5	3	238
Waterloo	1,819	758	63	3	2,643
Welland	2,058	903	46	22	3,029
Wellington	683	331	16	..	1,030
Wentworth	3,493	1,608	110	13	5,224
York	11,712	6,152	294	32	18,190
Not in Ontario	14	93	6	21	134
TOTALS	43,346	27,245	1,432	269	72,292

TABLE 19

TIME LOSS, AVERAGE AGE, AND AVERAGE WAGE, 1940

Class	TIME LOSS*						AGE	WAGE
	Temporary Disability		Permanent Disability		Death Cases		All Cases	All Cases
	Total Days	Average Days	Total Days	Average Days	Total Days	Average Days	Average Age (Years)	Average Weekly Wage
1	92,100	27.66	17,917	131.74	1	.05	34.19	$15.11
2	35,677	22.31	8,651	163.23	3	.33	35.56	20.80
3	7,550	20.86	2,884	80.11	10	5.00	34.31	17.72
4	16,005	24.18	7,560	108.00	...	.....	35.80	16.33
5	61,596	32.10	34,525	225.65	948	20.61	32.77	31.41
6	8,936	23.15	3,487	183.53	163	54.33	36.72	19.84
7	12,911	26.84	3,742	95.95	10	1.43	36.10	28.83
8	12,057	23.92	2,774	126.09	634	211.33	37.43	22.53
9	24,982	22.47	4,713	81.26	0	0	36.39	23.96
10	40,019	19.27	10,547	59.59	533	106.60	32.36	22.11
11	27,742	22.21	5,079	62.70	26	5.20	36.08	24.52
12	13,251	26.03	4,945	164.83	9	1.29	36.90	22.26
13	7,453	28.45	3,958	359.82	0	0	39.67	19.50
14	6,924	20.86	1,150	127.78	2	1.00	35.39	21.37
15	30,821	23.14	10,134	163.45	219	36.50	33.02	19.35
16	9,253	21.87	3,926	122.69	78	15.60	31.95	19.23
17	14,031	23.46	7,176	166.88	15	3.75	31.99	18.53
18	9,236	19.49	2,169	180.75	0	0	33.09	17.85
19	8,255	21.84	3,490	102.65	0	0	31.49	19.05
20	34,090	26.57	8,418	183.00	12	.80	34.97	19.50
21	20,866	27.28	6,811	206.39	0	0	35.16	22.89
22	23,723	23.91	5,198	167.68	43	4.78	35.26	18.07
23	8,651	31.12	3,488	249.14	3	.27	37.39	23.83
24	61,616	31.06	21,682	238.26	30	1.88	37.49	22.03
Schedule 2	50,956	32.66	18,482	249.76	69	1.50	42.23	24.49
Crown...	66,086	27.60	11,153	168.98	64	1.73	41.90	25.26
ALL.....	704,787	25.87	214,059	149.48	2,872	10.68	35.81	21.69

*This does not include loss of manpower by permanent impairment or death.

TABLE 20

TOTAL AND AVERAGE COMPENSATION AND MEDICAL AID COSTS, 1940, SCHEDULE 1, BY CLASSES

Compensation Costs

Class	Temporary Disability Cases		Permanent Disability Cases				Death Cases						ALL CASES	
	For Temporary Disability		For Temporary Disability		For Permanent Disability		For Temporary Disability		For Death Benefits		For Funeral Expenses			
	Total	Average	Total	Average	Total	Average	Total	Average	Total	Average	Total	Average	Total	Average
	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
1	231,659.41	69.57	36,372.18	267.44	153,934.50	1,131.87	1.04	.05	45,227.21	2,055.78	2,716.61	123.48	469,910.95	134.72
2	113,590.79	71.04	22,045.30	415.95	70,696.50	1,333.90	10.16	1.13	47,466.00	5,274.00	1,127.20	125.24	254,935.95	153.48
3	23,705.20	65.48	7,063.34	196.20	19,072.25	529.78	16.67	8.34	100.00	50.00	240.00	120.00	50,197.46	125.49
4	44,462.47	67.16	16,702.34	238.60	76,903.12	1,098.62	....	....	....	....	....	....	138,067.93	188.62
5	263,007.40	137.05	105,133.97	687.15	436,316.60	2,851.74	3,403.97	74.00	184,356.00	4,007.74	5,977.98	129.96	998,195.92	471.29
6	85,266.09	220.90	7,463.45	392.81	42,054.25	2,213.38	428.14	142.71	24,193.00	8,064.33	375.00	125.00	159,779.93	391.62
7	66,823.09	138.93	11,094.12	284.46	66,935.75	1,716.30	0	0	28,538.00	4,076.86	875.00	125.00	174,265.96	330.68
8	87,817.83	174.24	6,124.45	278.38	23,912.50	1,086.93	1,916.89	638.96	5,222.00	1,740.67	375.00	125.00	125,368.67	236.99
9	92,764.57	83.42	10,686.11	184.24	55,016.50	948.56	0	0	17,737.00	8,868.50	275.00	137.50	176,479.18	150.58
10	145,923.27	70.26	24,254.94	137.03	134,338.06	758.97	1,667.82	333.56	30,908.00	6,181.60	625.00	125.00	337,717.09	149.50
11	96,269.91	77.08	13,428.13	165.78	79,599.05	982.70	93.30	18.66	19,205.00	3,841.00	625.00	125.00	209,220.39	156.72
12	43,858.28	86.17	12,688.42	422.95	38,463.90	1,282.13	19.54	2.79	16,684.00	2,383.43	905.00	129.29	112,619.14	206.26
13	20,828.51	79.50	8,013.86	728.53	22,449.75	2,040.89	0	0	8,580.00	2,860.00	375.00	125.00	60,247.12	218.29
14	18,408.54	55.45	2,849.34	316.59	17,274.96	1,919.44	6.44	3.22	16,431.00	8,215.50	261.75	130.88	55,232.03	161.03
15	79,777.47	59.89	23,503.25	379.08	94,548.00	1,524.97	700.30	116.72	29,326.00	4,887.67	730.25	121.71	228,585.27	163.28
16	37,458.17	88.55	9,859.80	308.12	64,684.50	2,021.39	192.32	38.46	28,437.00	5,687.40	625.00	125.00	141,256.79	307.08
17	33,944.68	56.76	17,279.47	401.85	61,999.05	1,441.84	29.17	7.29	12,335.00	3,083.75	506.30	126.58	126,093.67	195.49
18	26,186.81	55.25	4,512.07	376.01	28,583.50	2,381.96	0	0	1,000.00	1,000.00	125.00	125.00	60,407.38	124.04
19	25,426.05	67.26	8,146.21	239.59	40,022.00	1,177.12	0	0	5,601.00	5,601.00	136.40	136.40	79,331.66	192.09
20	98,630.64	76.88	17,680.96	384.37	59,405.03	1,291.41	35.26	2.35	73,724.00	4,914.93	1,932.98	128.87	251,408.87	187.06
21	87,462.57	114.33	17,008.41	515.41	84,031.25	2,546.40	0	0	671.00	335.50	277.60	138.80	189,450.83	236.81
22	72,433.53	73.02	13,507.32	435.72	42,934.50	1,384.98	137.64	15.29	47,377.00	5,264.11	1,170.00	130.00	177,559.99	172.05
23	44,293.06	159.33	10,635.78	759.70	33,572.25	2,398.02	0	0	45,023.00	4,093.00	1,234.25	112.20	134,758.34	444.75
24	215,900.87	108.82	54,450.68	598.36	178,037.25	1,956.45	43.63	2.73	73,743.00	4,608.94	2,004.25	125.27	524,179.68	250.68
ALL...	2,055,899.21	88.27	460,503.90	356.43	1,924,785.02	1,489.77	8,702.29	46.79	761,884.21	4,096.15	23,495.57	126.32	5,235,270.20	211.36

TABLE 20—Continued

Medical Aid Costs

Class	When Medical Aid Only		In Temporary Disability Cases		In Permanent Disability Cases		In Death Cases		FOR ALL CASES	
	Total	Average	Total	Average	Total	Average	Total	Average	Total	Average
	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
1	5,624.00	5.49	133,135.13	39.98	30,642.37	225.31	188.40	8.56	169,589.90	37.58
2	8,794.38	5.39	43,357.17	27.12	14,954.69	282.16	171.00	19.00	67,277.24	20.44
3	3,446.38	5.34	7,664.08	21.17	4,842.07	134.50	136.50	68.25	16,089.03	15.40
4	5,646.20	5.54	18,604.55	28.10	10,768.13	153.83	......	......	35,018.88	20.00
5	24,483.85	8.00	90,103.35	46.95	54,789.12	358.10	5,401.33	117.42	174,777.65	33.76
6	2,958.10	4.56	22,073.35	57.18	9,683.85	509.68	91.00	30.33	34,806.30	32.93
7	7,124.33	6.05	20,360.47	42.33	5,347.67	137.12	403.50	57.64	33,235.97	19.49
8	7,259.60	5.29	27,066.55	53.70	5,255.04	238.87	241.45	80.48	39,822.64	20.94
9	19,679.40	5.09	45,822.80	41.21	9,791.60	168.82	19.00	9.50	75,312.80	14.95
10	36,150.14	5.45	63,857.72	30.75	18,037.59	101.91	582.50	116.50	118,627.95	13.34
11	36,471.84	6.42	46,492.90	37.22	8,843.33	109.18	42.50	8.50	91,850.57	13.09
12	7,210.83	6.56	20,378.38	40.04	8,654.57	288.49	983.58	140.51	37,227.36	22.62
13	2,292.70	5.82	8,658.16	33.05	4,799.70	436.34	238.85	79.62	15,989.41	23.86
14	4,768.68	5.77	10,787.32	32.49	1,849.70	205.52	178.87	89.44	17,584.57	15.04
15	16,092.03	6.08	39,189.46	29.42	14,224.70	229.43	1,233.78	205.63	70,739.97	17.48
16	6,677.90	6.62	15,287.69	36.14	5,310.24	165.95	833.15	166.63	28,108.98	19.15
17	6,101.20	5.27	16,886.16	28.24	10,792.59	250.99	189.42	47.36	33,969.37	18.84
18	5,500.94	5.68	13,382.95	28.23	2,780.17	231.68	2.00	2.00	21,666.06	14.88
19	5,531.22	5.92	14,397.27	38.09	3,752.49	110.37	0	0	23,680.98	17.57
20	8,480.82	5.73	55,789.56	43.48	10,978.54	238.66	895.40	59.69	76,144.32	26.95
21	5,537.43	5.27	31,063.91	40.61	12,207.02	369.91	35.00	17.50	48,843.36	26.39
22	8,904.93	5.73	37,723.49	38.03	7,540.50	243.24	1,499.85	166.65	55,668.77	21.52
23	2,135.84	6.87	14,904.02	53.61	6,099.55	435.68	187.50	17.05	23,326.91	37.99
24	15,796.79	5.84	96,094.98	48.43	33,589.41	369.11	915.20	57.20	146,396.38	30.52
ALL....	252,669.53	5.89	893,081.42	38.34	295,534.64	228.74	14,469.78	77.79	1,455,755.37	21.51

TABLE 21

ALLEGIANCE OF INJURED WORKERS, 1940

Allegiance to	Temporary Disability	Permanent Disability	Death	TOTALS
Austria	138	9	3	150
Belgium	13	1	...	14
Brazil	8	...	...	8
Bulgaria	1	...	...	1
China	1	1	...	2
Czecho-Slovakia	151	5	...	156
Denmark	17	1	...	18
Esthonia	2	...	...	2
Finland	409	20	4	433
France	16	1	...	17
Germany	27	5	1	33
Great Britain	24,177	1,297	201	25,675
Greece	8	...	...	8
Holland	9	...	...	9
Italy	135	7	1	143
Japan	1	...	...	1
Jugo-Slavia	153	13	1	167
Lithuania	18	...	...	18
Norway	42	1	...	43
Poland	414	19	2	435
Roumania	53	2	2	57
Russia	343	15	3	361
Spain	2	...	...	2
Sweden	77	3	1	81
Switzerland	1	...	1	2
Syria	2	...	...	2
United States	64	5	2	71
Not Specified	963	27	47	1,037
TOTALS	27,245	1,432	269	28,946

TABLE 22

SEX AND MARITAL CONDITION OF INJURED WORKERS, 1940

Sex and Marital Condition	Temporary Disability	Permanent Disability	Death	TOTALS
Males—				
Married	14,116	825	158	15,099
Single	8,940	398	25	9,363
Widowed	402	27	3	432
Not Specified	3,151	152	83	3,386
Totals	26,609	1,402	269	28,280
Females—				
Married	161	5	...	166
Single	399	18	...	417
Widowed	42	3	...	45
Not Specified	34	4	...	38
Totals	636	30	...	666
GRAND TOTALS	27,245	1,432	269	28,946

TABLE 23

WEEK OF TERMINATION OF TEMPORARY DISABILITIES, 1940

In 11,520 cases the disability terminated in 1 to 2 weeks after the accident
" 4,807 " " " " " 2 " 3 " " " "
" 2,959 " " " " " 3 " 4 " " " "
" 1,950 " " " " " 4 " 5 " " " "
" 1,351 " " " " " 5 " 6 " " " "
" 949 " " " " " 6 " 7 " " " "
" 695 " " " " " 7 " 8 " " " "
" 568 " " " " " 8 " 9 " " " "
" 400 " " " " " 9 " 10 " " " "
" 285 " " " " " 10 " 11 " " " "
" 251 " " " " " 11 " 12 " " " "
" 192 " " " " " 12 " 13 " " " "
" 172 " " " " " 13 " 14 " " " "
" 147 " " " " " 14 " 15 " " " "
" 119 " " " " " 15 " 16 " " " "
" 67 " " " " " 16 " 17 " " " "
" 75 " " " " " 17 " 18 " " " "
" 59 " " " " " 18 " 19 " " " "
" 49 " " " " " 19 " 20 " " " "
" 55 " " " " " 20 " 21 " " " "
" 33 " " " " " 21 " 22 " " " "
" 50 " " " " " 22 " 23 " " " "
" 37 " " " " " 23 " 24 " " " "
" 35 " " " " " 24 " 25 " " " "
" 25 " " " " " 25 " 26 " " " "
" 32 " " " " " 26 " 27 " " " "
" 21 " " " " " 27 " 28 " " " "
" 27 " " " " " 28 " 29 " " " "
" 20 " " " " " 29 " 30 " " " "
" 16 " " " " " 30 " 31 " " " "
" 17 " " " " " 31 " 32 " " " "
" 14 " " " " " 32 " 33 " " " "
" 14 " " " " " 33 " 34 " " " "
" 12 " " " " " 34 " 35 " " " "
" 11 " " " " " 35 " 36 " " " "
" 155 " " " " " 36 " 52 " " " "
" 56 " " " did not terminate in 52 " " " "

27,245 TOTAL CASES

TABLE 24

NATURE OF INJURIES, 1940

Temporary Disability Cases

Class	Bruises, Contusions, and Abrasions	Cuts, Lacerations, and Punctures	Fractures	Crushes	Sprains, Strains, Twistings, and Wrenchings	Scalds and Burns	Eye Injuries	Herniæ	Internal Injuries	Concussions (brain, spine, etc.)	Dislocations	All Other Injuries	Industrial Diseases (Schedule 3)	TOTALS
1	647	1,197	466	194	560	30	88	51	1	11	23	62	..	3,330
2	295	489	227	93	348	39	42	25	2	1	9	29	..	1,599
3	33	208	26	22	45	4	10	8	..	..	1	4	1	362
4	91	324	85	30	79	20	12	8	1	2	6	3	1	662
5	408	443	423	122	272	42	100	50	..	3	11	25	20	1,919
6	67	97	81	24	53	16	27	7	..	3	1	10	..	386
7	94	93	119	19	54	61	12	15	..	2	3	8	1	481
8	70	128	86	36	53	89	16	10	1	1	2	7	5	504
9	181	302	228	109	131	47	60	26	..	4	12	10	2	1,112
10	261	821	323	143	226	111	76	45	2	2	10	50	7	2,077
11	200	383	216	66	175	74	55	30	2	11	5	26	6	1,249
12	77	113	97	35	90	39	22	16	..	3	6	11	..	509
13	37	61	44	18	68	6	6	9	..	1	3	9	..	262
14	31	173	28	6	51	21	6	12	..	1	3	..	..	332
15	198	379	188	54	293	88	33	35	..	7	17	40	..	1,332
16	58	139	59	35	50	30	13	9	..	4	2	23	1	423
17	90	228	74	42	84	24	12	17	1	..	6	20	..	598
18	46	256	42	22	48	28	9	6	..	3	3	11	..	474
19	49	126	63	48	62	5	7	7	1	2	1	7	..	378
20	236	243	270	95	336	17	24	28	..	12	7	15	..	1,283
21	150	184	116	76	131	26	29	10	3	4	8	28	..	765
22	154	307	135	42	200	58	31	27	3	5	9	18	3	992
23	62	54	55	31	52	8	8	5	..	..	1	2	..	278
24	314	533	362	77	433	113	49	33	2	11	20	33	4	1,984
Schedule 2	284	297	333	101	342	55	41	38	3	12	20	34	..	1,560
Crown...	484	464	441	119	594	86	65	51	5	13	23	49	..	2,394
ALL.....	4,617	8,042	4,587	1,659	4,830	1,137	853	578	27	118	212	534	51	27,245

TABLE 24—Continued

Permanent Disability Cases

Part of Body Affected	Per Cent. Impairment of Total Earning Capacity											
	0.0–9.9	10.0–19.9	20.0–29.9	30.0–39.9	40.0–49.9	50.0–59.9	60.0–69.9	70.0–79.9	80.0–89.9	90.0–99.9	100	TOTALS
Foot	48	14	5	5	4	1	..	..	..	..	1	78
Leg	35	28	11	6	9	10	7	1	..	..	4	111
Head	1	1	2	1	1	9	..	..	..	..	1	16
Face	...	...	..	..	..	..	..	..	..	..	..	...
Eye	26	85	2	2	1	..	1	..	..	..	1	118
Ear	...	...	..	..	..	..	..	..	..	..	..	...
Arm	36	26	19	8	4	6	6	10	..	..	..	115
Hand	19	12	6	6	16	..	..	1	..	..	..	60
Thumb and four fingers	...	...	..	..	1	..	..	..	..	..	..	1
Thumb and three fingers	2	...	1	..	..	..	..	..	..	..	..	3
Thumb and two fingers	3	1	1	1	..	..	..	..	..	..	..	6
Thumb and one finger	13	5	..	..	1	1	..	..	..	..	..	20
Thumb	154	1	..	..	..	..	..	..	..	..	..	155
One finger	446	11	..	1	..	..	..	..	..	..	..	458
Two fingers	115	17	4	..	2	..	..	..	..	..	..	138
Three fingers	18	13	3	2	2	..	..	..	..	..	..	38
Four fingers	6	7	6	3	3	..	..	..	..	..	..	25
Internal organs	...	...	..	..	..	..	..	..	..	..	1	1
Industrial diseases	...	...	..	..	..	..	..	..	..	..	2	2
All other	6	13	18	10	7	14	1	2	1	..	15	87
TOTALS	928	234	78	45	51	41	15	14	1	..	25	1,432

Industrial Diseases

Description of Disease	Medical Aid Only	Temporary Disability	Permanent Disability	Death	TOTALS
Lead Poisoning or its sequelae	1	22	..	..	23
Arsenic Poisoning or its sequelae	1	11	..	..	12
Chrome Poisoning	2	..	..	..	2
Benzol Poisoning	1	..	..	..	1
Brass Poisoning or its sequelae	..	1	..	..	1
Carbon Tetrachloride Poisoning	..	1	..	..	1
Silicosis, pneumoconiosis, phthisis	5	16	2	8	31
TOTALS	10	51	2	8	71

TABLE 25

CAUSES OF ACCIDENTS, 1940

Cause	Medical Aid Only	Temp. Dis.	Perm. Dis.	Death	TOTALS
A. Prime Movers:					
1. Motors, engines, fans, pumps, and automatic stokers	315	94	17	..	426
2. Shafting, couplings, collars, set-screws, and keys	9	10	1	1	21
3. Belts, lines, pulleys, chains, and sprockets	206	153	21	1	381
4. Gears, cogs, cams, and friction wheels	6	4	..	..	10
Totals	536	261	39	2	838
B. Working Machines:					
1. Brick-making machines	2	3	1	..	6
2. Glass-making machines	22	4	1	..	27
3. Pottery-making machines	2	2	..	..	4
4. Stone-working machines	38	37	2	..	77
5. Mine-drills, etc.	378	286	19	..	683
6. Contracting machines	90	103	16	2	211
7. Metal-working machines, n.e.s.	743	205	21	..	969
8. Abrasive wheels	2,806	248	25	..	3,079
9. Drilling and reaming machines	1,040	196	18	..	1,254
10. Lathes	1,061	128	13	..	1,202
11. Milling Machines	224	47	9	..	280
12. Pneumatic tools	466	80	8	..	554
13. Presses—cutting, shaping, forming	868	297	162	..	1,327
14. Shearing and punching machines	210	97	20	..	327
15. Wire-working machines	62	37	..	..	99
16. Welding and heat-cutting machines	594	81	3	1	679
17. Wood-working machines, n.e.s.	190	144	16	..	350
18. Planers, jointers, and edgers	168	155	39	..	362
19. Saws	528	442	99	1	1,070
20. Shapers, moulders, and headers	48	38	8	..	94
21. Pulp and paper-making machines, n.e.s.	34	25	2	..	61
22. Barkers	3	10	1	..	14
23. In-running rolls	58	39	5	..	102
24. Paper-products and printing machines, n.e.s.	68	50	1	..	119
25. Cutting machines	62	23	3	..	88
26. Presses—printing and embossing	125	64	12	..	201
27. Stayers	51	46	8	..	105
28. Tanning machines	2	3	1	..	6
29. Leather-working machines	100	62	11	..	173
30. Rubber-working machines	52	31	5	1	89
31. Textile machines, n.e.s.	115	70	15	..	200
32. Carders	36	26	5	..	67
33. Pickers	14	16	3	1	34
34. Sewers	314	120	2	..	436
35. Finishers and launderers	81	50	5	..	136
36. Knitters	26	5	..	..	31
37. Cutters	81	27	3	..	111
38. Weavers	69	44	3	..	116
39. Spinners	62	35	4	..	101
40. Food-products, laboratory, and tobacco machines, n.e.s.	182	95	16	..	293
41. Baking machines	30	37	13	1	81
42. Bottling machines	104	43	4	..	151
43. Office machines	10	4	1	..	15
Totals	11,219	3,555	603	7	15,384

TABLE 25—Continued

Cause	Medical Aid Only	Temp. Dis.	Perm. Dis.	Death	TOTALS
C. Hoisting Apparatus:					
1. Elevators	83	84	10	2	179
2. Cranes	232	171	10	4	417
3. Conveyors	197	112	7	3	319
4. Mine cages	54	59	4	3	120
5. Other hoisting apparatus	244	259	20	3	526
Totals	810	685	51	15	1,561
D. Dangerous Substances:					
1. Steam escapes	70	62	. .	. .	132
2. Explosives	82	118	21	9	230
3. Electric currents	60	63	8	14	145
4. Conflagrations	. . .	. . .	. .	1	1
5. Hot and inflammable substances and flames	822	611	7	11	1,451
6. Corrosive substances	385	163	3	. .	551
7. Poisonous and deleterious substances	148	259	2	8	417
Totals	1,567	1,276	41	43	2,927
E. Stepping On or Striking Against Objects:					
1. Stepping on objects	693	334	1	. .	1,028
2. Striking against objects	1,867	674	16	. .	2,557
Totals	2,560	1,008	17	. .	3,585
F. Falling Objects:					
1. From collapse of structure	. . .	. . .	. .	. .	. . .
2. From elevations	1,106	791	13	5	1,915
3. In mines and quarries	522	417	27	16	982
4. Other	715	942	22	15	1,694
Totals	2,343	2,150	62	36	4,591
G. Handling Objects:					
1. Heavy objects—loading, carrying, rolling, or piling	6,534	5,024	101	5	11,664
2. Sharp objects	1,326	354	13	. .	1,693
3. Hand trucks, carts, and wheel-barrows	1,005	692	5	3	1,705
Totals	8,865	6,070	119	8	15,062
H. Tools:	4,107	2,709	92	1	6,909
I. Runaways and Animals:					
1. Runaways	11	31	4	1	47
2. Animals	158	151	5	1	315
Totals	169	182	9	2	362

TABLE 25—Continued

Cause	Medical Aid Only	Temp. Dis.	Perm. Dis.	Death	TOTALS
J. Moving Trains, Vehicles, Etc.:					
1. Train wrecks	...	10	2	4	16
2. Caught in switch or hit fixed objects	2	32	..	2	36
3. Struck by or caught between cars and engines	5	41	7	30	83
4. Other causes, cars and engines	148	755	24	8	935
5. Mine and quarry cars	225	224	15	5	469
6. Automobiles and other power vehicles	2,031	1,297	51	24	3,403
7. Animal-drawn vehicles	167	553	12	2	734
8. All other vehicles, including boats	102	221	7	3	333
Totals	2,680	3,133	118	78	6,009
K. Falls of Persons:					
1. From elevations	421	699	40	10	1,170
2. From ladders	256	369	37	5	667
3. Into excavations, pits, and shafts	276	376	15	5	672
4. On level	2,194	2,591	51	..	4,836
5. Into elevator shafts	5	6	3	2	16
6. From vehicles	172	329	13	2	516
7. From collapse of support	194	359	32	5	590
8. On steps	345	329	10	2	686
9. From tool slipping	167	193	6	..	366
Totals	4,030	5,251	207	31	9,519
L. Flying Fragments	3,891	519	58	1	4,469
M. All Other Causes:					
1. Doors, gates, windows, and covers	384	168	5	2	559
2. Inhalation of gases, fumes, etc.	51	25	..	7	83
3. Immersion in water and drenchings	...	5	..	29	34
4. Exposure to elements	32	79	7	1	119
5. Violence	37	39	1	1	78
6. Cave-ins	12	62	..	5	79
7. Not elsewhere specified	53	68	3	..	124
Totals	569	446	16	45	1,076
GRAND TOTALS	43,346	27,245	1,432	269	72,292

TABLE 26

DEATH CASES, 1940

Number of Cases

Pension Awards	185
Lump Sums	24
Burial Expenses and Medical Aid only	43
Burial Expenses only	17
TOTAL	269

Number, Relationship, and Residence of Dependants

Relationship of Dependants	Resident in Ontario	Not Resident in Ontario	TOTALS
Widow	146	4	150
Child	216	2	218
Mother	45	5	50
Father	25	4	29
Other	1	..	1
TOTALS	433	15	448

APPENDIX

SUMMARY OF COMPENSATION AND MEDICAL AID AWARDED

From Commencement of Act to End of 1941

Compensation Awarded

Schedule 1 Industries	$ 99,486,996.93	
Schedule 2 (including Crown Cases)	29,145,016.45	
Total Compensation	$128,632,013.38	

Medical Aid Paid

Schedule 1 Industries	$ 23,503,313.46	
Schedule 2 (including Crown Cases)—Furnished by Employer		
Total Benefits Awarded by Board		$152,135,326.84

SUMMARY OF ACCIDENTS REPORTED

From Commencement of Act to End of 1941

Total Number of Accidents Reported	1,568,615

FINANCIAL STATEMENT FOR SCHEDULE 1 INDUSTRIES

From Commencement of Act to End of 1941

Income and Credits	
Net Assessments	$130,553,773.85
Under Section 8	219,638.19
Under Section 84 (4)	54,151.39
Under Section 107	165,199.41
Under Section 114	8,207.35
From D.P. & N.H.	310,886.63
For Accidents to Blind Workmen	1,230.86
From Accident Cost Refunds	59,472.91
Interest	3,428,581.58
Credited from Disaster Reserve	392,146.07
Credited from Pension Fund	1,027,214.62
Assessments estimated to be due on adjustment of 1941 pay rolls (see Table 1)	1,304,245.00
	$137,524,747.86

Expenditure and Charges	
Compensation, other than pensions, compensation deferred, and under Sections 22 and 36	$ 51,071,041.33
Pensions awarded	44,955,189.93
Deferred Compensation awarded	1,099,362.94
Under Section 22	996.40
Under former Section 36	41.75
Under Section 8	16,863.73
Medical Aid	23,290,535.67
Administration Expenses	6,213,084.75
Safety Associations	3,179,146.96
Rehabilitation	95,265.55
Mine Rescue Work	213,867.81
Clinic Expenses	84,583.26
Pneumoconiosis Examinations	66.14
Pneumoconiosis estimated outstanding	1,544,613.76
Compensation and Medical Aid estimated outstanding	3,755,307.97
Transferred to Disaster Reserve	353,259.80
Balance at Credit of Classes (see Table 1)	1,651,520.11
	$137,524,747.86

SUMMARY OF PENSION FUND, SCHEDULE 1

From Commencement of Act to End of 1941

Pension Awards	$44,820,565.67
Amount transferred from Disaster Reserve	134,624.26
Amount transferred from Silicosis Account	1,188,068.46
Interest added	19,241,087.61
	$65,384,346.00
Pension payments	35,819,261.06
	$29,565,084.94
Amount transferred to Current Fund	1,027,214.62
Balance December 31, 1941	$28,537,870.32

SUMMARY OF COMPENSATION DEFERRED, SCHEDULE 1

From Commencement of Act to End of 1941

Compensation Deferred	$ 1,102,848.11
Interest added	106,454.27
	$ 1,209,302.38
Paid to claimants, principal and interest	1,090,325.48
Balance December 31, 1941	$ 118,976.90

SUMMARY OF DISASTER RESERVE, SCHEDULE 1

From Commencement of Act to End of 1941

Amount set aside	$ 353,259.80
Interest added	274,931.99
	628,191.79
Transferred to Classes	392,146.07
Balance December 31, 1941	$ 236,045.72

SUMMARY OF RESERVE FOR DEPRECIATION OF SECURITIES, SCHEDULE I

From Commencement of Act to End of 1941

Amount received on sale of Investments in excess of Book Value	$ 738,680.00
Interest	617,402.14
	$ 1,356,082.14
Transferred to Investment Account	433,680.71
Balance December 31, 1941	$ 922,401.43

SUMMARY OF SILICOSIS ACCOUNT, SCHEDULE 1

From Commencement of Act to End of 1941

Assessments collected		$ 5,909,535.72
Received from D.P. & N.H.		1,317.58
Interest added		320,356.07
		$ 6,231,209.37
Payments made:		
Compensation	$ 2,264,781.98	
Medical Aid	212,777.79	
Salaries and Expenses	735,168.54	
Handling Claims and Supervision	165,960.19	
Salaries and Expenses of Referee Board	50,528.85	
		3,429,217.35
Balance December 31, 1941		$ 2,801,992.02

SUMMARY OF INVESTMENTS, SCHEDULE 1

From Commencement of Act to End of 1941

Invested		$67,600,514.22
Less principal returned	$29,397,477.82	
Less amount written off for depreciation	433,680.71	
		29,831,158.53
Book Value of Investments, December 31, 1941		$37,769,355.69

SUMMARY OF SCHEDULE 2 FUNDS

From Commencement of Act to End of 1941

Received from employers		$23,852,834.97
Interest received		4,050,572.79
Amount received from sale of Investments in excess of Book Value		206,663.91
		$28,110,071.67
Payments made	$23,335,253.77	
Deposits returned to employers	1,299,006.27	
		24,634,260.04
Cash in Bank and Invested, December 31, 1941		$ 3,475,811.63

SUMMARY OF INVESTMENTS, SCHEDULE 2

From Commencement of Act to End of 1941

Invested	$ 5,552,741.17
Less principal returned	2,172,538.01
Book Value of Investments, December 31, 1941	$ 3,380,203.16

SUMMARY OF RESERVE FOR DEPRECIATION OF SECURITIES, SCHEDULE 2

From Commencement of Act to End of 1941

Amount received from sale of Investments in excess of Book Value	$ 206,693.91
Interest added	7,540.99
Balance December 31, 1941	$ 214,234.90

SUMMARY OF RECEIPTS AND PAYMENTS

From Commencement of Act to End of 1941

Schedule 1

Receipts

Assessments,		
Including additional assessments, added percentage, and interest for under or over estimate,	$131,544,831.90	
Less Merit Rating: (Charges...$1,067,195.43 Refunds... 2,058,253.48)		
	−991,058.05	
		$130,553,773.85
Section 8		219,638.19
Section 84 (4)		54,151.39
Section 107		165,199.41
Section 114		8,207.35
D.P. & N.H.		312,204.21
From Province of Ontario for Blind Workmen		1,230.86
Accident Cost Refunds		59,472.91
Silicosis Assessments		5,909,535.72
From Province of Ontario under Section 78, grants for administration expenses		655,500.00
Interest from investments and bank deposits		23,988,813.66
From Schedule 2 and Crown Employers for share of administrative expense		1,086,547.58
Principal returned from investments		29,397,477.82
Amount received from sales of investments in excess of book value		738,680.00
For special statistical and other services		116,981.89
Rehabilitation Clinic		98,690.42
Refund of administration expenses, result of special investigation		782.35
		$193,366,887.61

Payments

Compensation payments, other than pensions or deferred payments or under Sections 22 or 36	$ 51,071,041.33
Pensions	35,819,261.06
Deferred Payments— Principal and Interest	1,090,325.48
Under Section 22	996.40
Under former Section 36	41.75
Under Section 8	16,863.73
Medical Aid	23,290,535.67
Rehabilitation	95,265.55
Administration Expenses	8,320,742.89
Safety Associations	3,179,146.96
Investments	67,600,514.22
Silicosis	2,072,328.53
Mine Rescue Work	204,217.32
Clinic Expenses	179,663.42
Pneumoconiosis Examinations	66.14
Overpayment of Administration Expenses from Schedule 2 employers (refunded in 1926)	.12
Cash in Banks, Dec. 31, 1941	425,877.04
	$193,366,887.61

Schedule 2

Receipts

From Employers:	
Deposits under Section 28 and for Claimants' Moneys	$7,499,052.38
Deposits under Section 32	16,353,782.59
Interest from Investments and Bank Deposits	4,050,572.79
Investments:	
Principal returned	2,172,538.01
Amount received from sale in excess of book value	206,663.91
	$30,282,609.68

Payments

To Claimants out of Deposits under Section 28 and Claimants' Moneys	$ 7,242,870.85
Returned to Employers out of Deposits under Section 28	1,131,428.58
Out of Deposits under Section 32:	
Compensation and Medical Aid	16,088,397.30
Rehabilitation	3,985.62
Returned to Employers	161,808.19
To Schedule 1 for Administration Expenses	5,769.50
Investments	5,552,741.17
Cash in Bank Dec. 31, 1941	95,608.47
	$30,282,609.68

AUDITOR'S CERTIFICATE

9th March, 1942.

THE WORKMEN'S COMPENSATION BOARD OF ONTARIO,
Toronto, Ont.

Dear Sirs:

I have completed a continuous audit of the books of the Board for the year ended 31st December, 1941, and have obtained all the information and explanations I have required.

In my opinion the attached statements of Receipts and Payments, Table 6, Schedules No.1 and No. 2, truly and fairly set forth the cash transactions of the Board for the year ended 31st December, 1941.

Bank balances at the close of the period have been verified by direct communication with the Board's bankers.

The amortized book value of the investments held by the Board at 31st December, 1941, was $41,149,558.85 and I confirmed by a physical examination the securities representing these investments as at that date. Debenture principal and coupons, due and unpaid at 31st December, 1941, amounted to $120,411.19.

Respectfully submitted,

ALEXANDER G. CALDER,
Chartered Accountant.

TABLE 6

STATEMENT OF RECEIPTS AND PAYMENTS DURING 1941

Schedule 1

Receipts		
Cash in Banks 1st Jan., 1941:		
Canadian Bank of Commerce	$ 23,132.41	
Dominion Bank	396,123.40	
Royal Bank of Canada	50,072.01	
		$ 469,327.82
Net Assessments, Penalties, etc.:		
Gross Assessments	$8,494,998.48	
Under Section 8	22,912.02	
Under Sec. 84 (4)	991.94	
Under Section 107	1,216.72	
Under Section 114	906.43	
From D.P. & N.H.	14,573.52	
From Accident Cost Refunds	787.98	
	$8,536,387.09	
Less:		
Assessments and Penalties Refunded	192,654.87	
		8,343,732.22
Silicosis Assessments		468,837.62
Interest:		
Investments	$1,556,358.38	
Exchange Premiums	43,434.89	
Bank and Short Date Deposits	1,833.22	
		1,601,626.49
Investments:		
Principal Returned	$592,995.16	
Amount received in excess of Book Values	24,692.48	
Short Date Deposits	50,000.00	
		667,687.64
From Schedule 2 and Crown Employers:		
For administration expenses, account of prior years, paid out of Schedule 1 in 1940		40.238.92
Special Statistical and other services		2,900.00
Refunds of Clinic Expenses:		
From Medical Aid	$4,955.19	
From Schedule 2 Employers	1,673.42	
		6,628.61
		$11,600,979.32

Payments		
Compensation other than Pensions and Deferred Compensation		$2,832,330.95
Pensions		2,528,266.35
Deferred Compensation		74,734.43
Rehabilitation		8,304.58
Medical Aid		1,746,755.02
Silicosis:		
Compensation	$183,180.92	
Medical Aid	25,621.32	
Expenses	95,850.35	
		304,652.59
Under Section 8		549.43
Mine Rescue Work		19,265.67
Administration Expense		636,483.78
Safety Associations		250,775.00
Clinic Expenses		65,295.60
		$8,467,413.40
Investments:		
Securities for permanent investment		2,707,688.88
Cash in Banks 31st Dec., 1941:		
Canadian Bank of Commerce	$ 5,881.64	
Dominion Bank	398,189.74	
Royal Bank of Canada	21,805.66	
		425,877.04
		$11,600,979.32

Schedule 2

Receipts

Cash in Bank 1st Jan., 1941:		
Imperial Bank of Canada		$ 15,926.94
Employers' Deposits under Section 28		253,665.07
Employers' Deposits under Section 32		1,094,725.24
Employers' Deposits of Claimants' Monies		2,837.41
Interest:		
Investments	$164,247.31	
Exchange Premiums	2,165.58	
Bank Deposits	517.45	
		166,930.34
Investments:		
Principal Returned	$140,792.47	
Amount received in excess of Book Value	7,327.50	
		148,119.97
		$1,682,204.97

Payments

Claimants out of Deposits under Section 28		$ 340,498.91
Deposits Returned to Employers under Section 28		161,395.58
Claimants out of Claimants Monies		3,043.00
Paid out of Deposits under Section 32:		
Compensation	$935,934.80	
Medical Aid	97,687.18	
Rehabilitation	292.75	
		1,033,914.73
Deposits Returned to Employers under Section 32		7,076.36
Investments		40,667.92
Cash in Bank, 31st Dec., 1941:		
Imperial Bank of Canada		95,608.47
		$1,682,204.97

Ontario Depatrment of Agriculture

REPORT

OF THE

Ontario Veterinary College

1940

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 29, 1942

ONTARIO

TORONTO

PRINTED AND PUBLISHED BY
T. E. BOWMAN, PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1941

REPORT OF THE

Ontario Veterinary College

TO THE HONOURABLE P. M. DEWAN,
Minister of Agriculture.

Sir:—

I have the honour to present herewith the following report of the Ontario Veterinary College for the year extending from April 1st, 1940, to March 31st, 1941.

Convocation

At the Convocation of the University of Toronto on May 10th, 1940, the Chancellor, The Rt. Hon. Sir William Mulock, P.C., K.C.M.G., M.A., LL.D., conferred the degree of Bachelor of Veterinary Science (B.V.Sc.) on fifty-eight graduates.

The Hon. Eric Cross, M.A., K.C., Minister of Public Welfare, addressed the graduating class. A *résumé* of his address is embodied in the general report.

Commencement

The Annual Commencement and Presentation of Prizes took place on November 21st, 1940, in the Assembly Hall of the College. J. G. Althouse, M.A., Dean of the Ontario College of Education, was the principal speaker. In the course of his address he stressed the responsibility of the graduate in the following words:

"The professional man today would do well to sensitize himself to the affairs of his community, and strive for coöperation through interests in common purposes with others. Thousands today are giving their lives for these things and our defense is incomplete until every one of us exemplifies in our actual living the things we know are right. Man must be willing to express his honest thoughts and allow others to express theirs. They must be able to sit down and discuss fairly the views of everyone and give consideration to others' ideas. The British through centuries have had a genius for listening to the ideas of others and giving them fair thought and for that reason Britain is the most effective example of democracy in the whole European world. We should assume responsibilities for our own satisfaction and for the right of others. In building up self-respect and consideration for others—choose the best way of life you know and pursue that path with confidence."

The prizes won by students were presented by the Hon. P. M. Dewan, Minister of Agriculture. He congratulated the prize winners and urged them to prove worthy of their awards. During the afternoon a military display was presented by the students' auxiliary military training unit.

The unit showed exceptional smartness and was headed by the college bugle band.

Student Enrolment

A total of 247 students were in attendance. As in former years, students were enrolled from all the provinces of Canada, as well as from other parts of the British Empire, and from the United States. The requirements for entrance and graduation have been maintained under the jurisdiction of the University of Toronto.

The Teaching and Executive Staff

The members of the staff of the different departments are as follows:

C. D. McGilvray, M.D.V., D.V.Sc., *Principal: Contagious Diseases, Sanitary Science.*
W. J. R. Fowler, V.S., B.V.Sc.: *Surgery, Anatomy.*
R. A. McIntosh, M.D.V., B.V.Sc.: *Diseases of Cattle, Obstetrics, Therapeutics.*
H. E. Batt, V.S., B.V.Sc.: *Zoology, Histology, Meat Hygiene.*
F. W. Schofield, B.V.Sc., D.V.Sc.: *Pathology, Bacteriology.*
L. Stevenson, B.V.Sc., M.Sc.: *Physiology.*
J. S. Glover, V.S., B.V.Sc.: *Milk Hygiene, Poultry Diseases.*
A. A. Kingscote, B.V.Sc., D.V.Sc.: *Pathology, Parasitology.*
F. J. Cote, B.V.Sc.: *Canine and Feline Diseases.*
G. Cairns, B.V.Sc., M.R.C.V.S.,: *Sporadic Diseases, Hygiene.*
V. R. Brown, B.V.Sc.: *Anatomy, Hygiene.*
W. G. Stevenson, B.V.Sc.: *Parasitology.*
A. F. Bain, B.V.Sc.: *Bacteriology.*
R. T. Ingle, B.V.Sc., M.Sc.: *Pathology.*
J. K. Blair: *Jurisprudence.*
A. L. Shepherd: *Executive Clerk.*
Miss E. Sleeman: *Secretary.*
Miss L. Nott: *Librarian.*
Miss M. Urquhart: *Stenographer.*

Courses of Study and Instruction

The prescribed course of study for the degree of Bachelor of Veterinary Science (B.V.Sc.) extends over a period of five years. In the case of candidates submitting Pass Matriculation certificates, they may be admitted to the first year, while candidates submitting Honour Matriculation certificates, or who have completed one or more years in a recognized college or university, may be admitted to the second year of the five-year course.

A detailed outline of the entrance requirements and the course of studies is contained in the college calendar, which is available to those interested. In addition to the regular undergraduate course outlined in the calendar, special short courses were provided as follows:

Special Public Health Course

A Special course of instruction in Public Health was given senior students by the staff of the Ontario Department of Health. The course included the following subjects:

Public Health Administration.
Principles of Sanitation.
Communicable Diseases.
Food-Borne Infections.
Interpretation of Laboratory Findings.
Bacteriology of Enteric-Infections.
Human Parasitic Infections.
Inspection of Water Supplies.
Inspection of Sewage Disposal.
Inspection of Restaurants and Bottling Plants.
Industrial Hazards in Meat Packing Industry.
Ventilation and Fumigation.
Dairy Sanitation.

Special Course for Fur Breeders

During the month of June a course was provided for those engaged in the rearing of fur-bearing animals. About 250 fur breeders attended. The course was arranged in coöperation with the Ontario Fur Breeders' Association and comprised lectures and demonstrations on the following subjects:

Whelping Problems in Foxes.
Illustrated Address on Fox Ranching.
Contribution of Science to the Breeding of Fur Bearers.
General Discussion of the Fox Breeding Industry.
The Chinchilla Industry (Illustrated by Motion Pictures).
Selective Breeding of Mink.
Mink Breeding Problems.
General Discussion of Mink Breeding.
Prevailing Diseases of Fur Bearers.

Special Course for Veterinarians

During the month of July a special course for graduate veterinarians was provided in coöperation with the Ontario Veterinary Association. There were approximately 150 in attendance and the programme comprised the following topics:

Diseases of Poultry.
Cattle Breeding Problems.
Diseases of Swine.
Small Animal Breeding and Management.
Diseases of Fur Animals.
Coccidiosis in Farm Animals.
Hemorrhagic Septicemia.
Lameness of Horses.
Anaphylaxis.
Clinical and Surgical Demonstrations.

During the months of December and January a series of lectures and demonstrations were given to students attending the Farmers' Short

Course and Dairy Course at the Ontario Agricultural College. The course embraced the following topics:

Prevention and Control of Animal Insect Pests.
Mineral Deficiencies Affecting Farm Animals.
Preventable Diseases of Horses and Cattle.
Preventable Diseases of Sheep and Swine.
Care and Management of Breeding Animals.
Care and Management of the Young at Birth.
Cleaning and Disinfection of Stables.
Examination of Horses for Soundness.

Clinical and Extension Service

This service is provided for the benefit of veterinarians and owners as may seem desirable. The nature and extent of the services rendered are indicated as follows:

Animal Clinics: These clinics are held each week throughout the college session. Animals of all classes may be submitted for observation, medical and surgical treatment.

Horses: These were chiefly surgical cases and included Fistulous Withers, Poll Evil, Caries Teeth, Cryptorchidism, Hernia, etc.

Cattle: Many of the cattle cases represented herd conditions, among the diseases predominating being Bang's disease, sterility, mastitis, calf scours, calf pneumonia, Johne's disease, actinomycosis, nutritional diseases, hemorrhagic septicemia, and malignant catarrh. In coöperation with the various live stock breeders' associations the work relating to the control of Bang's disease has been expanded on an experimental basis under the following plans:

1. By testing individual herds and segregating or removing the reactors.

2. By testing herds in prescribed areas and removing all reactors.

3. By the adoption of calfhood vaccination in badly affected herds.

A total of 58,283 cattle were tested under these plans and the results are contained in a separate report.

Swine: There has been a marked increase in the number of swine cases. These comprised surgical cases and many diseases affecting litters and herds. Among the diseases predominating were anemia of young pigs, gastro-enteritis, pneumonia, parasitism, nutritional deficiencies, hemorrhagic septicemia, swine erysipelas, necrotic enteritis, and hog cholera.

Sheep: The majority of these cases represented flock maladies and comprised parasitism, hemorrhagic septicemia, goitre, nutritional imbalances, pregnancy and lambing troubles.

Small Animals: Over 300 dogs and cats were submitted to the clinic for examination and treatment. While the majority were surgical cases, there were also a large number of disease conditions treated, including mange, eczema, distemper, chorea, gastritis, and dietary conditions.

Fur-Bearing Animals: The diseases and general welfare problems of fur-bearing animals on ranches were given all possible consideration. Considerable investigational work was undertaken relating to losses occurring on mink ranches. The experimental use of hyperimmune serum and tissue vaccine as agents in the control of distemper was tried in both mink and ferrets. Diagnostic work was also undertaken in the examination of specimens sent in for laboratory examination. The material submitted included food substances and fecal matter from fur-bearing animals. The laboratory work included autopsies on 165 animals, as shown in the following outline:

Nature of Disease	Fox	Mink	Rabbit	Ferret	Marten	Total
Pneumonia	6	15	3			24
Food Toxemia	4	32				36
Peritonitis		2				2
Uræmia		15				15
Distemper	4	4		7		15
Metritis		3				3
Nutritional Anemia		4				4
Strept. Infection		1			1	2
Staph. Infection		2				2
Vitaminosis	3	6				9
Milk Tetany *Nursing Sickness*		6				6
Intestinal Block		2	1			3
Acute Indigestion		5				5
Gastro-Enteritis	2	6				8
Paint Poisoning		1				1
Cancer		1				1
Chasteck Paralysis	3					3
Tuberculosis		2				2
Diabetes and Ketosis	2	11				13
Ruptured Liver	2	2				4
Parasitism	2	5				7
	28	125	4	7	1	165

Research and Investigation

During the year considerable time was devoted to research and investigational work. Some of the diseases receiving attention are briefly summarized herewith:

Nutritional Anemia of Piglets: Further experiments in the use of "reduced iron" in the prevention of this disease demonstrate the necessity of giving larger and more frequent doses of iron to maintain an adequate level of hemoglobin. A level which we believe to be necessary to enable the animal to successfully resist infection.

Malignant Catarrh of Cattle: A report dealing with several outbreaks of the disease has been included, as we wish to draw the attention of practitioners to a disease which we feel may be less rare than has been generally believed.

Vitamin "A"—Assays of the Milk of Nursing Sows reveal cases of Marked Deficiency: Assays have been made to determine the number of International Units of vitamin "A" in the milk of nursing sows, especially where high mortality had occurred among the young. In several instances a very marked deficiency was detected. The feeding of cod liver oil or foods high in vitamin "A" with the rations during the winter months is strongly advocated.

The Diagnosis of Swine Erysipelas by the use of the Rapid Agglutination Test: The plate test antigen of Dr. Schoening when used in herds where erysipelas infection is suspected may prove to be of great value in determining the presence or absence of infection.

Blackleg in Sheep: Several outbreaks of acute infection in sheep due to *Cl. septique*, an anaerobic organism closely related to *Cl. chauvei*, have been dealt with.

Acute Interstitial Pulmonary Emphysema of Cattle: A number of cases, some fatal, of this strange disease occurred during the fall months, especially among cattle pasturing on rape and kale. Further investigation has been made but the exact pathology of the disease still remains undetermined.

Hæmorrhagic Septicemia in Swine: Extensive experiments have been undertaken for the purpose of determining the pathogenicity of *P. suiseptica* for swine. Only with difficulty could infection be produced which would indicate that the organism is not highly pathogenic in normal healthy swine.

Pathological and Bacteriological Examinations

During the current year 938 specimens were received for laboratory examination, as indicated in the following table:

Nature of Case	Cattle	Sheep	Horses	Swine	Dogs	Cats	Rabbits	Birds	Goats	Fox	Mink	Water	Feed Samples	Meat	TOTALS
Parasitic Infection	4	18		3	13				1						39
Coccidiosis							3								3
Neoplasms	9	2	9	6	24										50
Hodgkin's Disease				2											2
Leukæmia	3			1											4
Pasteurella Infection	11	12		53											76
Brucella Infection	8														8
Necrophorus Infection	10			7											17
Salmonella Infection				14							2				16
Streptococcus Infection				6											6
Influenza			3	12											15
Pneumonia	8	14		21						2					45
Distemper					6					5					11
Infectious Enteritis						10									10

Nature of Case	Cattle	Sheep	Horses	Swine	Dogs	Cats	Rabbits	Birds	Goats	Fox	Mink	Water	Feed Samples	Meat	TOTALS
Blackleg	5	3													8
Anthrax (Suspect)		1													1
Dermatitis	1			13	3										17
Urticaria				4											4
Erysipelas				12											12
Colon Septicemia				8											8
Hog Cholera				15											15
Scours of Newborn	14														14
Joint-Ill (Foals)			4												4
Arthritis				4											4
Abscess	4			2											6
Pyemia, Septicemia	2		2	6											10
Mastitis	9			2											11
Hepatitis	10			1											11
Pericarditis	8			11											19
Gastritis and Enteritis	3			19	3					6					31
Tonsilitis					6										6
Kidney Disease	15	1		4	3										23
Cirrhosis	1	2													3
Pyelonephritis	7														7
Tuberculosis	21			5				1							27
Johne's Disease	3														3
Actinomycosis, Actinobacillosis	7														7
Food Poisoning	1														1
Hæmoglobinuria (Red Water)	4														4
Rape Poisoning	2														2
Swamp Fever (Suspect)			4												4
Deficiency Disease				7											7
Stiff Lamb Disease		12													12
Pregnancy Disease		8			1										9
Nutritional Anæmia				1											1
Blood Examination	19			140		8									167
Urine Tests	12														12
Seminal Fluid	3														3
Milk Samples	48														48
Pregnancy Tests			48												48
Chemical Poisoning				3	2										5
Miscellaneous	7	4	8	20	6		1	1				2	8	5	62
	259	67	78	398	56	18	4	2	1	13	2	2	8	5	938

Biological Laboratory Service

Preparation of Antigen: 18,020 test doses of *Brucella abortus* antigen were distributed to veterinarians for the agglutination test for Bang's disease, and 1,330 test doses of *Salmonella pullorum* for the agglutination test for pullorum disease.

Agglutination Tests: During the year 58,283 blood samples were received to be submitted to the agglutination test for Bang's disease. Included in this number are cattle intended for Export or Exhibition purposes, cattle from herds under the calfhood vaccination plan, and cattle from herds in prescribed areas. The results of these tests are shown in the following table:

	Positive	Doubtful	Negative	Broken, Hemolysed or Otherwise Spoiled
Routine Samples	4,443	2,431	30,708	214
Export or Exhibition Samples	166	209	3,655	1
Calfhood Vaccination Samples	1,513	385	3,000	12
Prescribed Area Samples	469	657	10,408	12
Totals	6,591	3,682	47,771	239

Routine Examinations of Milk and Cream Samples

Routine tests were made on 360 samples of milk and cream submitted to the laboratory from time to time. These tests included fat and total solids determinations, standard plate counts, coliform tests, methylene blue, resazurin, reductase, phosphatase tests, and tests for mastitis.

Poultry Laboratory Service

This consists chiefly in the routine examination of diseased poultry sent or brought to the laboratory. No serious outbreaks of disease were encountered, but the incidence of coccidiosis, pullorum disease of chicks and nutritional ailments remains at about the same level. In a great many instances these conditions could have been prevented if proper control measures had been employed.

Advice is always given as to the handling of the flock to prevent the spread of infectious diseases.

The number of specimens received during the past year and the diseases dealt with are shown in the following list:

Nature of Case	Number of Cases
Adult Pullorum Infection	141
Ascites	11
Avian Diphtheria	4
Cloacitis	2
Coccidiosis	414
Coryza and Roup	24
Enteritis	27
Enterohepatitis	77
Fowl Cholera	32
Laryngotracheitis	48
Leucosis	77
Pullorum Disease of Chicks	485
Tuberculosis	31
Other Infections	44
Egg Bound	3
Internal Laying	4
Impaction (Crop, Proventriculus, Gizzard or Intestine)	7
Injuries	18

Nature of Case	Number of Cases
Nutritional Conditions	264
Poisoning	1
Prolapse	6
Ruptured Liver	20
" *Oviduct*	4
" *Cecum*	3
Tumours	58
Worms (Ascaridia)	90
" *(Capillaria)*	53
" *(Large Tapes)*	60
" *(Minute Tapes)*	56
" *(Round and Tapes)*	51
External Parasitism	2
No Evidence of Disease or Putrid	118
Total	2,235

Students' Military Training

Under an arrangement with the Department of National Defence provision was made whereby students in the age groups eligible for military service could continue their studies at college and at the same time obtain part of their military training. This was made effective and the student body organized to form D Company of the Auxiliary Training Battalion. A brief outline regarding this course of training is appended.

Throughout the year an immense volume of correspondence has received attention, as well as daily personal interviews with those seeking advice. The demand for veterinary services, including research and extension work, has noticeably increased.

The entire staff has been busily engaged and have performed their duties faithfully. A high standard of efficiency has been maintained throughout, and all expenditures have been carefully supervised and kept at a minimum cost to the Province.

All of which is respectfully submitted.

C. D. McGILVRAY,
Principal.

Guelph, Ontario,
March 31st, 1941.

RÉSUMÉ OF ADDRESS AT CONVOCATION

By HON. ERIC CROSS, M.A., K.C., Minister of Public Welfare

I well recall an incident from the graduating message of my own class. The speaker proceeded to tell us of the simple days of 1848, and how the graduating class of that year was required to write an essay on: 'Resolved that a healthy state of piety is necessary to a sound education." Then he added, looking some 200 of us in the eye, "Why, those graduates would not fill that front row, but they were men of quality."

It was usually the practice in these Queen's convocations for the speakers to dwell at some length upon the greatness of the university—upon its historic past—and I somehow inferred at the time upon its doubtful future in the hands of the graduating class. "Yes, there were giants in those days," was the theme; intellectual giants and athletic giants were once to be found under every gooseberry bush on the campus. There were moral giants to be found somewhere, too, I suppose, but of them too much was not said.

Perhaps I could use no better text for my remarks this evening than that you should be men of quality. But, however much you expect a lecture, or deserve one, I propose to speak briefly tonight upon the needs of modern democracy and the needs for educated men—for men of quality.

I think we are all agreed that a university is not the only place where an education can be obtained—even Queen's men have recently conceded that—but it is certainly the most likely, and the easiest place. Education, too, had become wider as a concept, with the years. No longer is a university degree necessarily the hall-mark of an educated man. I know of no better definition of education than that of the late Sir Michael Sadler, one of England's foremost educationists: "Education," he defined, "is that universal knowledge of human affairs that tends to develop a true sense of human values."

Never in the world's history, it seems to me, has there been greater need of men possessing a true sense of human values. It is the function of our universities to engender in their graduates that sense of values of which Sir Michael Sadler spoke: It is the duty of all our young Canadians to seek and acquire it.

So to young men I express the hope and the trust that your days at college have given you a deeper knowledge of human affairs, that you have learned tolerance and wisdom, so that in the communities in which you take up your vocation you will render good and great service to your fellow-man.

A balanced character and a balanced judgment are a great asset to any community. I hope it will be your ambition to make such a contribution, and I might add while I am on the subject of balances that it might not be a bad objective to have a little balance in the bank. I pass on the advice because it is an objective I always wished I had attained when it was too late to attain it.

I think it also follows from what I have said that it is only by developing a sense of values that is typically and essentially Canadian that we can advance the hopes and aspirations of our people to be a great nation. As a people, we should remember that our background was highly individualistic, the sturdy independence of the United Empire Loyalists, the pioneer settlers from the British Isles, the sturdy self-reliance of French Canada —all these factors gave us generally a people who were strong in resolutions and who set their hands steadily and triumphantly to the task of pioneers.

This pioneering instinct which was so strong in our forefathers will remain with us for many years to come as a deep and moving influence in the development of our heritage. In the days of the pioneers, there was no social welfare, no mothers' allowance, no old age pensions, no relief, but there was plenty of family help for the unfortunate and plenty of neighborliness for those who had no family to help them. People managed frugally and without state assistance to support themselves on a standard of living which was perhaps low in comparison with twentieth century standards, but at any rate, it was created by their own efforts.

It, therefore, followed that pioneer tradition developed qualities of self-pride and self-reliance, of resourcefulness, and a certain natural dignity that went with them. Canadian history of the last hundred years has revealed these traits. When bad times came, the frontiers and our young men went West—and even in our twentieth century, Young Canada took its frontiers North. And again, that spirit had not a little to do with the success of Canada in the Great War of 1914-1918 and, we may depend, the Canadian spirit of sturdy and resourceful independence will make itself known and respected on the battlefields of the present conflict.

No one can venture a guess as to the effect of the present struggle on our way of living. We do know that if the war be lost, our way of life is gone forever. But many are agreed that great changes will come in our social picture following the war. That days of social and economic distress are ahead of us, no one can doubt.

I ventured to tell you of the pioneer tradition of our people for the reason that I think it will play its part in the pattern of the future. The Canadian spirit will find a way, perhaps not the easy way of the social idealist, but the hard path our forefathers took with sweated brow and unremitting toil. But turmoil and distress, political and economic, may well be our experience before the way out is found and chosen, and then —then, as never before—will this country need men of vision and judgment, men of balanced character and balanced judgment, people of education.

It was Robert Louis Stevenson who observed that "it is better to travel hopefully than never to arrive." It is in the striving for objective, for perfection, for truth, that brings one happiness, and not always the result. That is invariably so, if the striving is deep and sincere and passionately done.

I commend to you the philosophy of Lord Haldane in this rsepect as revealed in his autobiography. Speaking of the part that accident and luck play in the lives of men, he proceeds to observe;

The contingent plays a large part even in the best ordered lives, and we do well to ask of philosophy to teach us how to make ourselves detached from the circumstances it brings, whether happy or otherwise. The best that ordinary mortals can hope for is the result which will probably come from sustained work directed by a full reflection as is possible. This result may be affected adversely by circumstances, by illness, by misfortune, or by death. But if we have striven to think and to do work based on thought then we have, at least, the sense of having striven with such faculties as we have possessed, devoted to the striving. And that is in itself a course of happiness, going beyond the possession of any definite gain.

Too, I would have you remember the great heritage of freedom that you have enjoyed under the protection of this great university. The freedom that you have enjoyed here, indeed civilization itself, is at stake in the present conflict. Heavy tasks and responsibilities face all of you as you now take up the burden of this day and generation, but if we remember our heritage and go forward in the true Canadian spirit, ultimate victory will be assured.

Auxiliary Military Training

In June, 1940, representatives of all Canadian Universities met in Kingston. Here, an agreement was reached with the Department of National Defence whereby students in the age groups called up for compulsory military service could continue their courses of study and at the same time get credit for one-half the training given at Training Centres. The remaining portion of the training to be completed at a camp to be held at the conclusion of classes.

The agreement made it imperative that all male students between the ages of 21 and 25 receive a minimum of 110 hours of military instruction. This necessitated a drastic revision of time-tables to make room for three two-hour periods each week. A syllabus corresponding to the first half of that used at the training camps was to be followed.

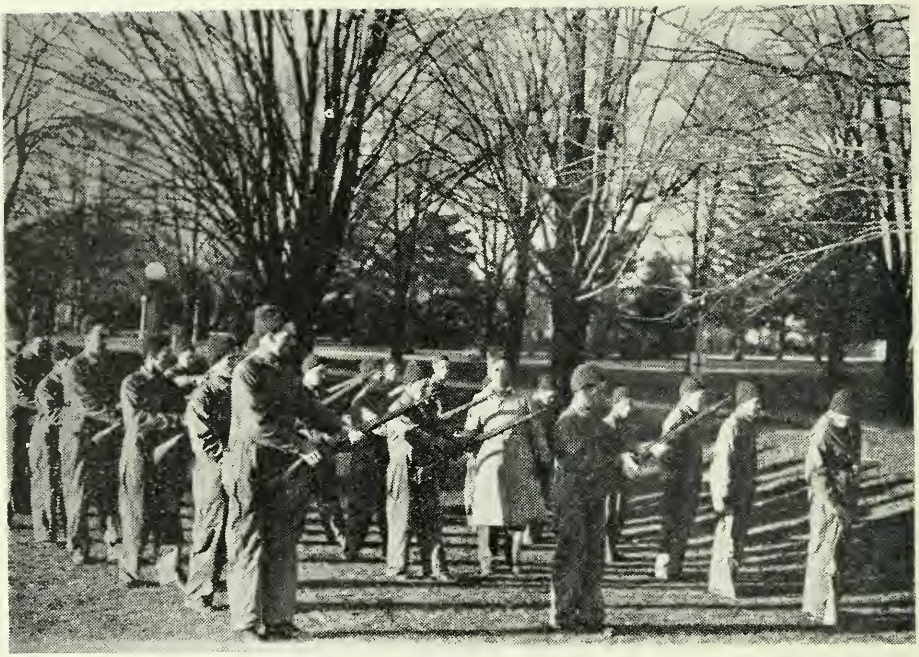
It was decided to have one battalion for auxiliary training and to include both O.A.C. and O.V.C. students. The students were organized into a company of four platoons and given the distinguishing letter "D." This was done so that we could maintain our identity and yet form an integral part of the battalion. The training was done by qualified members of the staff, assisted by students taking the Officers' Training Corps course.

Most of the early training consisted of instruction in marching. To make this less boresome and to instil into the men rhythm and correct length of pace, a call was made for a drummer. There were so many applications that we decided to organize a bugle band. The men offering their services had considerable experience and were ready to go to work as soon as equipment could be procured. The necessary instruments were purchased from money obtained by having a social evening somewhat in the form of a carnival, and by voluntary contributions from members of the faculty and others. We were amply repaid for all work in starting this very helpful unit. The members were enthusiastic, and it was only a short time until they were able to lead the company on parade. Many favourable comments were received from outsiders.

The next big undertaking was to provide a uniform for the men in the ranks. Much of the work was damaging to good clothing, and it was decided finally to dress in khaki coveralls. These were obtained at cost price and each student paid for his own. Khaki toques were acquired in the same way. A little later, white belts were procured and served to smarten the appearance of the dress.

During the fall and winter months, instruction in platoon and squad drill (with and without arms), rifle drill, anti-aircraft protection, defence against gas, marching and fieldcraft was completed in so far as necessary. Everyone was quite interested and apparently derived considerable benefit from the training.

The two weeks camp begins on April 14th. The remainder of the syllabus will be completed during this time. The net results of all instruction will be equal to the thirty-day period at training centres. All elementary drill will be covered, and should any of the men go into the active army they will be ready for the more advanced work. Probably the greatest value of this course is the fact Canada would be able to put more men in the field on short notice. Under existing conditions the students appreciate the opportunity of this auxiliary training.



EXERCISES IN RIFLE DRILL

"D" COMPANY BUGLE BAND

PROGRESS REPORT ON THE CONTROL OF BANG'S DISEASE

C. D. McGilvray and J. S. Glover

In the control of Bang's disease, herds may be regarded as coming under two main groups:

1. Herds which are free from the disease.
2. Herds which are affected.

1. *Herds which are free from the disease:* These herds must prove negative to the agglutination test (so called blood test) and every precaution must be taken to prevent them from becoming infected through possible exposure. Owners of such herds may by arrangement with the Health of Animals Branch have their herds tested and listed as negative herds free from Bang's disease. Under this arrangement, such herds come under the supervision and jurisdiction of the Health of Animals Branch of the Dominion Government.

2. *Herds which are affected:* In the case of affected herds, the progress of the disease may be regarded as occurring in three phases or stages:

A—*The Introductory Stage:* This phase represents the early period of the disease in a herd following the introduction of the infection. At the beginning there may be only a few abortions, and covers a period of about one year. In the testing of these herds, the percentage of reactors is usually under 10%. It is the opportune time to have the herd tested and the reactors removed. The testing of the herd should be repeated at regular intervals of from 30 to 60 days until all of the infected animals are detected and removed. The premises must be cleaned and disinfected each time following the removal of the reacting cattle.

B—*The Spreading Stage:* During this period of time the infection is becoming more widely disseminated in the herd. This phase of the disease is manifested by an increase in the abortion rate. It may also be characterized by what is commonly known as an "Abortion Storm" or "Acute Outbreak" wherein a very large percentage of the pregnant animals abort in succession. The abortion rate during this stage generally exceeds 10% and may reach 50% or more. In dealing with a herd during this stage the test may reveal the majority of the herd to be infected. The owner may be unable to adopt a radical plan of dealing with the reactors and it is not always an opportune time to advocate it.

C—*The Regressive Stage:* During this period of time the disease has become chronic in the herd and the actual abortion rate has become reduced. This phase of the disease is of long duration and continues indefinitely and is characterized by many of the adult cows acquiring a high degree of resistance against actual abortion and a weakening of the virulence of the infection may also take place. If a herd of this kind is tested, the majority of the adult cows may react although their breeding record may be fairly consistent. The abortion rate is then largely confined to the young females during their first or second pregnancies. This is the type of herd in which calfhood vaccination is being advocated as an aid in controlling the disease without too great a material sacrifice of highly valuable breeding animals until they can be replaced by the vaccinated offspring.

Co-operative Plans for the Control of Bang's Disease

In co-operation with live stock breeders and practicing veterinarians, the following plans are provided for the detection and control of Bang's disease:

A—Routine testing of individual herds.

B—Supervised testing of herds in prescribed areas.

C—Supervised calfhood vaccination.

Routine Testing of Individual Herds

This plan is available for the blood testing of herds by veterinarians in general practice for their clients. The blood samples are submitted by the veterinarian and the blood tests are made by the college staff. The results of the tests are reported on test charts furnished by the college. The tests conducted under this plan during the current year as as follows:

Total number of cattle tested	41,827		
" " " Negative	34,363	Approx.	82%
" " " Positive	4,609	"	11%
" " " Doubtful	2,855	"	7%

Supervised Testing of Herds in Prescribed Areas

Where a sufficient number of owners in a prescribed area desire to have their herds tested and supervised for the control of Bang's disease (Contagious Abortion in Cattle), the Department of Agriculture, through the Ontario Veterinary College, will co-operate with owners and their veterinarians under the following arrangement:

1. That a group of 10 or more owners occupying contiguous premises in a prescribed area may submit a petition or signed request on a form supplied by the Department signifying their desire to have their herds tested for the control of Bang's disease under the supervision of a qualified registered veterinarian.

2. Under the proposed plan the Department will assume payment of the veterinarian's fees at the rate of 20 cents for each animal tested or any other basis mutually agreeable, and will also provide the necessary test charts, the sterilized vials for the blood samples, and make the required agglutination tests, free of charge.

3. The cost or expense of any additional work or extra visits by the attending veterinarian, apart from that required in the actual testing of cattle for the control of Bang's disease, shall be borne entirely by the owner of the herd.

4. That owners will agree to have their herds placed under either one of the following plans, depending on the extent to which they are affected, as shown by the test results:

Terms Under Which Herds are Accepted:

PLAN A

1. By having all cattle in the herd over 12 months of age blood tested.

2. If less than 10% of the herd reacts to the test, that the reactors will be immediately removed from the herd.
3. That the herd be re-tested at intervals of 30 to 60 days until the entire herd is negative.
4. That any additional reactors be likewise removed from the herd.
5. That all reacting cattle be ear-marked with the letter B, or removed direct under a permit to an abattoir for slaughter without undue delay, and that they be kept segregated pending their removal.
6. That reacting cattle must not be sold to enter other herds in order to prevent them creating new centres of infection or disseminating infection.
7. That new additions to the herd be obtained only from other negative herds, or have been submitted to the test before being admitted to the herd, and be kept segregated for 30 days and again tested.
8. That the premises be thoroughly cleaned and disinfected from time to time as may be required.
9. That the cattle showing a definite reaction to the test shall not be re-tested.
10. That the cattle showing a doubtful reaction to the test shall be re-tested again in from 30 to 60 days. Animals again doubtful to the re-test may then be regarded as reactors and dealt with accordingly.
11. That the non-reacting cattle to the initial test shall be again re-tested in from 30 to 60 days after the removal of the reactors.
12. That after a negative test of the entire herd is obtained, that the herd shall be submitted to a further test in 3 months' time, and again in from 3 to 6 months' time, and to semi-annual or annual tests thereafter.
13. That cows shall not be taken to other herds to be bred unless they are definitely known to be negative herds, and likewise no cows from other herds shall be bred unless they are also from known negative herds.
14. That when all the animals in a herd are negative to the test, owners will then be expected to take the necessary steps to have their herds listed as negative herds under the provisions and regulations of the Health of Animals Branch.
15. That failure on the part of an owner to comply with the purpose and intent of the plan for the control of Bang's disease in their herds shall be regarded as sufficient cause for the cancellation of Departmental help and co-operation.

PLAN B

In the case of any herd having over 10% reactors, and the owner is unable to bear the immediate sacrifice of so many of his cattle, that an agreement be entered into with the view of ultimately developing a clean negative herd from the non-reactors and the calves with the least material sacrifice.

AREAS ESTABLISHED

Under the foregoing arrangement five prescribed areas have been established, known respectively as:

1. *Schomberg Area:* Includes 211 herds comprising 2,414 cattle.
2. *Northumberland Area:* Includes 170 herds comprising 2,547 cattle.
3. *Durham Area:* Includes 36 herds comprising 480 cattle.
4. *Stormont Area:* Includes 30 herds comprising 637 cattle.
5. *Brockville Area:* Includes 10 herds comprising 209 cattle.

RESULTS OF TESTS IN PRESCRIBED AREAS

1. *Schomberg Area:*

1st Test—Negative	2,111	(88%)	Positive	143 (6%)	Doubtful	160 (6%)	= 2,414
2nd Test—Negative	1,080	(93%)	Positive	23 (2%)	Doubtful	60 (5%)	= 1,163
3rd Test—Negative	618	(95%)	Positive	7 (1%)	Doubtful	22 (4%)	= 647
4th Test—Negative	255	(80%)	Positive	17 (6%)	Doubtful	47 (14%)	= 319

2. *Northumberland Area:*

1st Test—Negative	2,310	(91%)	Positive	141 (5%)	Doubtful	96 (4%)	= 2,547
2nd Test—Negative	1,612	(92%)	Positive	48 (3%)	Doubtful	89 (5%)	= 1,749
3rd Test—Negative	382	(93%)	Positive	4 (1%)	Doubtful	25 (6%)	= 411

3. *Durham Area:*

1st Test—Negative	428	(89%)	Positive	27 (6%)	Doubtful	25 (5%)	= 480
2nd Test—Negative	163	(91%)	Positive	3 (6%)	Doubtful	14 (7%)	= 180
3rd Test—Negative	98	(94%)	Positive	2 (2%)	Doubtful	4 (4%)	= 104
4th Test—Negative	33	(99%)	Positive	0 (——)	Doubtful	4 (1%)	= 37

4. *Stormont Area:*

1st Test—Negative	579	(91%)	Positive	15 (2%)	Doubtful	43 (7%)	= 637
2nd Test—Negative	420	(89%)	Positive	17 (4%)	Doubtful	33 (7%)	= 470
3rd Test—Negative	143	(86%)	Positive	4 (3%)	Doubtful	19 (11%)	= 166

5. *Brockville Area:*

1st Test—Negative	176	(84%)	Positive	18 (9%)	Doubtful	15 (7%)	= 209
Total	10408	(90%)	Positive	469 (4%)	Doubtful	656 (6%)	=11533

RECAPULATION

Number of Cattle Tested	11,533
" " " Negative	10,408—90%
" " " Positive	469— 4%
" " " Doubtful	656— 6%

PLAN RELATING TO CALFHOOD VACCINATION AS AN AID IN THE CONTROL OF BANG'S DISEASE

Calfhood Vaccination is still regarded as being in the experimental stage and is only advocated in the case of badly affected herds as an aid in lessening the abortion rate in vaccinated heifers during their first and second pregnancies. The vaccine is known as Cotton's No. 19 strain (*Brucella abortus* of low virulence).

The vaccine will only be permitted to be used in the treatment of calves between four and eight months of age. It will be supplied only to qualified, registered veterinarians for use in selected herds under College supervision.

The College reserves the right to limit the number of herds that may be accepted for supervision in keeping with the facilities and help available.

For the purpose of furthering calfhood vaccination on an experimental basis, the Department of Agriculture, through the Ontario Veterinary College, will co-operate with owners and their veterinarians under the following terms

1. That the herds selected must comprise ten or more pure-bred cattle and be under the supervision of a qualified registered veterinarian.

2. That an initial test of the herd must be made by the veterinarian under College supervision to determine if the herd is infected to an extent to warrant calfhood vaccination being adopted.

3. That if the herd is found to be badly affected (containing over 10% reactors) that vaccination shall be restricted to include heifers between four and eight months of age only.

4. That half the cost of the veterinarian's fees for making the initial test of the herd will be paid by the college and the other half to be paid by the owner on the basis of 25 cents for each animal tested, plus 6 cents per mile car mileage to and from the owner's premises.

5. That the College will furnish the vaccine free to the veterinarian and will pay half the veterinarian's charges for vaccinating the calves at the rate of 25 cents for each calf vaccinated, plus 6 cents per mile car mileage. The other half of the veterinarian's charges to be paid by the owner.

6. That the vaccinated calves be tested as follows:
   One test to be made 30 days after vaccination to determine if the vaccination has been effective and another test to be made in from 3 to 6 months' time to determine how many of the vaccinated calves have become negative or still are positive. Half of the veterinarian's charges for these tests will be paid by the College and the other half to be paid by the owner on the basis of 25 cents for each animal tested plus 6 cents per mile car mileage to and from the owner's premises.

7. That the pro rata arrangement as to the payment of the veterinarian's charges will apply only to the initial test of the herd, the vaccination of the calves, the testing of the calves at the end of one month following vaccination, and a second test in from 3 to 6 months' time.

8. That the cost or expense of additional tests or extra visits of the attending veterinarian must be borne entirely by the owner and not by the College.

9. Under the foregoing arrangement the College will furnish the necessary test charts, the sterilized vials for the blood samples, and make the required agglutination tests free of charge.

10. That the owner and the veterinarian will agree to furnish the College with a report of the breeding history of the vaccinated animals from time to time as may be required.

Supervised Calfhood Vaccination in Badly Affected Herds:

Under this plan were included herds containing over 10% reactors. Vaccination was restricted to calves between four and eight months of age. The vaccine used was known as Cotton's No. 19 strain *Brucella abortus.*

Following vaccination the calves are being tested at regular intervals, as follows: The initial test before being vaccinated, a test in 30 days following vaccination to determine if the vaccine has been effective, and another test made in from 3 to 6 months' time to determine how many of the vaccinated calves have become negative or still remain positive.

Under this plan 105 herds have been accepted and tested, comprising 4,898 animals, of which 1,689 were calves between four and eight months of age.

The Results of the Herd Tests before Vaccination were as follows:

Total number of cattle tested	4,898		
" " " " Negative	3,000—	Approx.	61%
" " " " Positive	1,513—	"	31%
" " " " Doubtful	385—	"	8%

Calves Tested and Vaccinated between 4 and 8 Months of Age:

Calves tested before vaccination	1,689		
Number of calves Negative	1,515—	Approx.	89%
" " " Positive	95—	"	6%
" " " Doubtful	79—	"	5%

Results of Tests following Vaccination (1 month after):

Negative 376 (27%) Positive 811 (59%) Doubtful 193 (14%)=1,380

Results of Tests following Vaccination (3 to 6 months after):

Negative 491 (48%) Positive 366 (36%) Doubtful 160 (16%)=1,017

Breeding Record of Vaccinated Heifers:

Number of Vaccinated heifers bred and conceived	698
" " " " calved safely	350
" " " " which have aborted	9

COMMENTS ON THE RESULTS FOLLOWING VACCINATION

Owners and their veterinarians were requested to furnish definite particulars as to the results experienced during the last three years (extending from the month of June, 1398). Reports have been received covering the majority of the herds. All are in complete agreement that no ill effects have resulted from the vaccination. In two cases, however, the owners have expressed disappointment in that they had expected all the vaccinated calves in their herds would become negative in two or three months' time and remain negative thereafter for life. Needless to state, this is altogether too much to expect.

No difficulty has been reported as to the vaccinated heifers failing to conceive to service. Of the 1,017 vaccinated heifers, 350 have safely calved following their first pregnancy. Only nine of the vaccinated heifers have aborted as yet. Vaccinated heifers have been tested at intervals of from 30 to 60 days extending over a period of two years.

The length of time that vaccinated calves may continue to react is extremely variable. As a rule, calves vaccinated at or about the minimum age of four months have become negative in a shorter period of time than those vaccinated at or about the maximum age of eight months. Approximately 50% of the treated calves became negative within six months' time, while approximately 40% have remained positive or doubtful for a period varying from six to twelve months, and approximately 10% have remained positive or doubtful beyond that length of time.

A few of the vaccinated heifers have intermittently shifted at times from negative to positive or conversely from positive to negative. These apparent vagaries of or to the test may warrant the belief that the ultimate value of calfhood vaccination may require to be appraised on the actual abortion rate observed in vaccinated heifers as compared with untreated heifers reared in affected herds and similarly exposed to continuous natural infection.

The consensus of opinion so far expressed by owners is to the effect that following the adoption of vaccination the abortion rate is much less in first pregnancy heifers than before vaccination was commenced in the same herds.

NATURAL AND EXPERIMENTAL HEMORRHAGIC SEPTICEMIA IN SWINE

F. W. SCHOFIELD and R. T. INGLE

Some twenty-five or thirty years ago hemorrhagic septicemia, or swine plague as it was frequently called, was considered to be, both in Europe and America, a common and serious disease affecting swine. Since the discovery of the virus of hog cholera in 1903 by de Schweinitz and Dorset there has been an ever-growing tendency to look upon Pasteurella infection in swine as purely a secondary infection associated with the virus disease of hog cholera. (Comparable to *P. bronchisepticus* in canine distemper.) This has been a natural tendency in countries where hog cholera is prevalent and *P. suiseptica* so frequently present in the lung lesions.

At the present time many eminent authorities in the United States doubt or deny the existence of an independent disease of swine due to a Pasteurella organism. I notice that in the last edition of that excellent treatise on Veterinary Medicine by Udall no mention is made of Pasteurella infection in swine. Runnells, in his pathology, doubts the existence of this disease. In a recent communication from Van Es he states that "as far as this region is concerned the disease may as well be deleted from our farmers' list of worries."

Aitken, writing in a recent issue of the Journal of the A.V.M.A., becomes evermore emphatic, stating: "Fifty years ago the term swine plague clothed a robust disease, but with the differentiating first of hog cholera and now of many less specific ailments, the term now appears ridiculously like a ponderous shroud covering only a cadaverous remnant. We hope it may soon be restricted, revised or abandoned."

The disease may for some unknown cause be disappearing from swine in the United States of America, but it remains in Canada as a serious and widespread infection. We realize the difficulty involved in differentiating between Pasteurella infection and hog cholera plus Pasteurella infection, yet we must guard against hasty and unverified conclusions, especially when it involves ignoring a disease which may still have significance.

Before dealing with the data which we intend to present to you, we would remind you that we in Canada are extremely fortunate in not having to contend with the scourge of hog cholera. Sporadic cases occur at border points, and occasionally the disease spreads to a limited extent within the provinces but, generally speaking, we can say that the disease does not occur among Canadian swine.

NATURAL INFECTION OF SWINE WITH *P. Suisepticus*

The designation hemorrhagic septicemia for either acute or chronic infection with this organism is essentially a misnomer. Hemorrhages are not a conspicuous aspect of the disease, and the infection is frequently not a septicemia. However, the name has now become attached to infection with this particular organism so that its use, while technically incorrect, is generally accepted and understood.

Pasteurella infection in swine is usually manifested as either a septicemia, an acute lobar pneumonia, a gastro-enteritis, or as a combination of the latter. A sub-acute or chronic infection of the lung with caseous pneumonia is quite common following an acute attack.

The Septicemic Form. During the last few years we have seen a number of cases of acute fatal infection in nursing pigs when but a few days old. The organisms isolated from such cases are hemolytic streptococci, colon and *P. suiseptica.* In most cases the majority of the piglets in the litter die. Sometimes the whole litter has little or no resistance to infection. In three such cases we have made a vitamin A assay of the sow's milk and find the vitamin content to be very low; from 20 to 50 units per 100 cc. The most constant findings at post-mortem are marked subcutaneous œdema, especially in the cervical region; congestion and œdema of the visceral and body lymph glands, and congestion and œdema of the lungs. Mild gastritis and enteritis may be present. The administration of over-doses of iron to suckling pigs may precipitate such fatal septicemias with either colon or Pasteurella. It seems to act as a powerful cataphoretic agent.

Acute Lobar Pneumonia. One of the commonest diseases among swine brought to the College for autopsy is acute lobar pneumonia. In more than 50% of these cases *P. suiseptica* is isolated either in pure culture or associated with alpha and bata hemolytic streptococci and occasionally with H. suis.

Unless there is an unknown virus present, and the evidence is against this, then we believe we have the right to consider the pneumonia as caused by the *P. suisepticus*. In some cases the organism is present in enormous numbers; in other cases the bacterium is scarce. The gross appearance of the lung is very characteristic. There is diffuse congestion; scattered areas of red hepatization and extensive and pronounced œdema. The apical and cardiac lobes are usually chiefly involved. Not only the thoracic lymph glands, but those of the whole body are usually congested and œdematous, and occasionally the glands show peripheral hemorrhage. Enteritis and gastritis is frequently present. Petechiæ were seen in one case only in the kidneys and bladder. This condition is most frequently seen in half-grown pigs.

The history is usually that of sudden onset with rapid spread within the herd. In affected animals death may be sudden, with a mortality varying from 5 to 50%. Clinically, the disease is marked by a high temperature, anorexia and dyspnoea which may be very marked. Most of the pigs in the herd will be coughing and many will be off feed. Skin changes are rare. Cerebral symptoms with deranged consciousness frequently occurs just prior to death. These are the cases, especially when accompanied by enteritis which our American friends are prone to call hog cholera.

The Enteric Form. Acute gastro-enteritis, unaccompanied by infection in other organs, is in our experience very rare. Two or possibly three cases have been recorded.

Chronic Pneumonia. Pneumonia with caseation, fibrosis, patches of pleurisy and adhesions is very commonly seen in mature pigs as a sequel to "shipping fever."

Differential Diagnosis. Where cholera is endemic a differential diagnosis based upon post-mortem findings alone would undoubtedly in many cases be extremely difficult. This became our experience when cholera appeared during last winter.

In several instances we made a tentative diagnosis of hog cholera based on the post-mortem appearance, only to find that filtrates of the infected tissue were negative in susceptible pigs, and that the disease did not spread through the piggery. A real help is the presence of leucopenia in hog cholera which has been described by Kernkamp.[1] We found marked leucopenia (below 7,000) in every pig examined in which the diagnosis of cholera was finally made. While in suspects, in only one case was there a marked leucopenia in the absence of cholera. Leucocytosis is almost always present in hemorrhagic septicemia.

EXPERIMENTAL INFECTION IN SWINE WITH *P. Suiseptica*

As enormous quantities of biologics, especially bacterins, were being used by both veterinarians and laymen in the prevention and treatment of hemorrhagic septicemia, we thought it advisable to make a biological assay of these products to determine if possible whether they possessed the virtue attributed to them.

The experimental work recorded here was undertaken with the object of finding some method by which hemorrhagic septicemia infection could be constantly established in susceptible swine. This was obviously a necessary prerequisite to any satisfactory assay of the biological products believed to have potency against this infection.

The following table gives in a condensed form the most important aspects of the different experiments made with the results obtained.

Experimental Infection in Swine

Nature of Inoculation or Infectious Material	Method of Administration	Kataphylactic Agent	No. of Pigs	Results
1. Fresh lung tissue from acute cases.	Feeding	None	5	Entirely negative
2. Triturated and gauze filtered fresh lung tissue from acute cases.	Intratracheal	None	6	Four negative. Temperature rise for few days only. Two —purulent pneumonia
3. Triturated and gauze filtered fresh lung tissue from acute cases.	Intratracheal	Ice pack for 4-5 hours	2	One negative. One died with acute enteritis due apparently to P. suiseptica
4. Tampons of cotton soaked in ground lung tissue from fresh cases.	Tampons were placed firmly in one nasal passage	None	5	All negative. Several showed elevation of temperature — 104-105° F. for two or three days
5. Triturated and gauze filtered lung tissue from acute cases.	Subcutaneously	None	4	All negative
6. Virulent culture of *P. suiseptica*.	Intratracheal	None	5	All negative
"	"	Ice pack for 4-5 hours	8	Seven entirely negative except for temperature rise for two or three days. One acute congestion of the lungs. P. suiseptica isolated
"	"	Reduced iron	1	Negative
7. Virulent culture of *P. suiseptica*.	Intracardiac	None	2	One pig died with acute congestion of the lung. Early fibrinous pericarditis and pleurisy present. One negative
"	"	Ice pack	1	Died with acute enteritis
"	"	Reduced iron	3	One pig developed acute arthritis involving most joints. One pig died with septicemia and early pericarditis. One negative
"	"	Filtrate of virulent *P. suiseptica* culture 30 cc. intratracheal	2	One died with acute congestion of the lungs. One negative
"	"	Culture and filtrate 30 cc. intracardiac	2	One died with acute congestion of the lungs. One negative
8. Virulent culture of *P. suiseptica* and hemolytic streptococci.	Intracardiac	None	2	Both died showing acute enteritis and congestion of the lungs
9. Virulent culture of *P. suiseptica*.	Intrapulmonary	None	1	Died showing early consolidation, much œdema and fibrinous pleurisy
10. Virulent culture of *P. suiseptica*.	Intracardiac and Intrapulmonary	None	2	Both died with acute inflammation of the lungs. Much œdema present. There was also fibrinous pleurisy and pericarditis

A survey of these experiments reveal the great difficulty with which disease is produced when the ordinary methods of infecting animals are used. Even when the drastic measure of placing the experimental animal in a bed of ice for several hours was employed, typical hemorrhagic septicemia did not develop. The organism did, however, in two cases cause a very acute enteritis. Mention should also be made of the fact that in most of the experimental cases there was a rise in temperature of 104-105° F. for two or three days after the inoculation.

In those cases where pigs were placed in ice packs for several hours, the animals were kept anesthetized with repeated doses of nembutal. The pigs were placed in crates and covered with cracked ice.

Intrapulmonary inoculation was the only method of infecting which gave results at all comparable to the lobar pneumonia which is so commonly seen in natural infection. Sero-fibrinous pleurisy and pericarditis was produced in five of the animals where the organism was introduced into the heart sac or pleural cavity.

Conclusions: (1) That infection with *P. suiseptica* (hemorrhagic septicemia) does frequently occur as an acute and fatal disease of swine.

(2) The disease is usually characterized by an acute lobar pneumonia with marked œdema and early consolidation which is gray rather than red in colour.

(3) That the disease in its typical form has not been produced experimentally. The nearest approach to the picture seen in natural infection is when the organism is injected directly into the lung.

REFERENCES

[1]H. C. H. Kernkamp: The Blood Picture in Hog Cholera. Journal A.V.M.A., Vol. XCV, No. 752, November 1939. Pages 523-529.

REPORT OF THE CLINICAL DEPARTMENT

R. A. McIntosh

The duties of this department consists chiefly of clinical diagnosis and the application of the practice of animal surgery and veterinary medicine. During the course of the year and particularly in the acamedic portion of it, many cases in all species of farm animals and pet stock are submitted to the clinic. Apart from this, considerable numbers of post-mortem examinations are made, and some field and extension work is done.

HORSE DISEASES

In horses, the cases brought in are largely surgical in character. Poll evil and fistulous withers cases are common, and in these it is interesting to note that a considerable proportion of them react to the blood test for Bang's disease in cattle. While this feature of these cases has been known for some time, it is quite possible that practitioners and others concerned with the elimination of Brucella infection from cattle herds have not realized the potential danger of re-infection through the presence of such cases among the live stock as a whole on the farm.

Other conditions affecting horses frequently submitted for operation are laryngeal hemiplegia, cryptorchidism, hernias, and dental cases. Skin affections, both parasitic and otherwise, are often observed in patients brought in for other purposes. These occur because of a lack of grooming, improper care and management. The same criticism of neglect may be applied to the care of horses' feet for quite often gross deformities of the hoof and lameness resulting from them are seen.

Catarrh of the Lachrimal Duct in a Gelding

This case is reported because a diagnosis of periodic opthalmia had been made and treatment for that disease applied. However, no improvement in the condition occurred, and it was not until after the lachrimal duct was irrigated that the eye became normal.

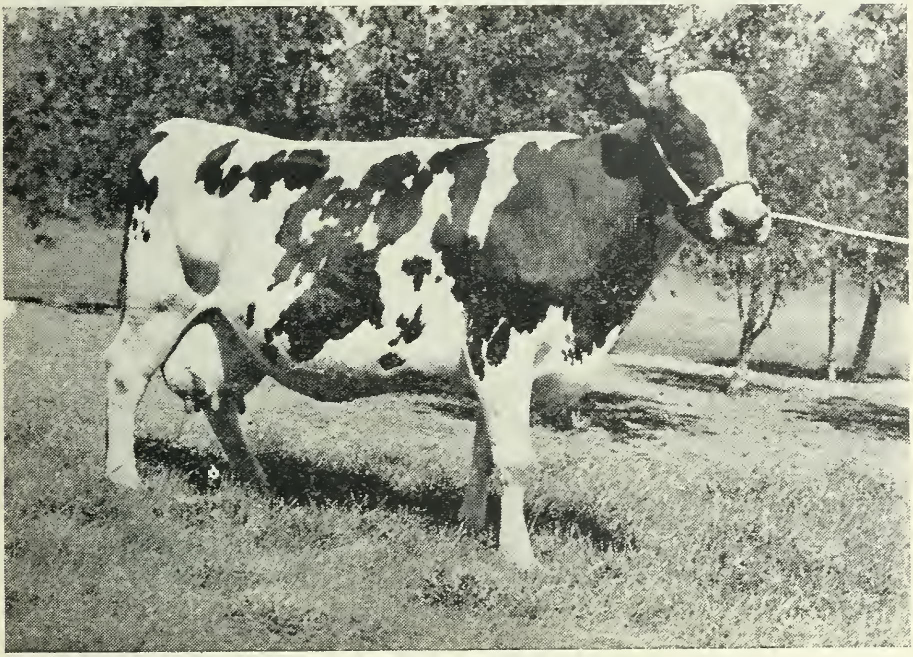
Originally, the condition appeared rather suddenly, the conjunctiva was inflamed, there was a slight corneal opacity and a muco-purulent discharge quite prominent in the inner canthus of the eye. As mentioned, the condition was treated as a case of periodic opthalmia, but no improvement occurred. Because periodic opthalmia usually clears up after a week or ten days, only to recur later, it was felt that the lachrimal duct might be affected for the heavy mucous discharge persisted in the inner canthus of the eye. Accordingly, the duct was irrigated first by forcing a physiological saline solution through it from the nasal aperture of the duct (an ordinary two-ounce dose syringe with a long, fine nozzle was used for this purpose). Following the irrigation with the salt solution, a sufficient quantity of a 5% argyrol solution was forced through the duct to appear in the eye. This was all of the treatment required for in a short time the discharge disappeared, the eye became normal, and there has not been any recurrence of the condition five months later.

Cattle Diseases

In cattle, the majority of the cases submitted are of an unusual character and in some instances difficult to handle successfully. Sterile cows predominate. As example of this nature, the following is reported.

Sterility In a Cow

The subject is an aged Holstein cow who is outstanding in milk production and as a desirable breeder. In eight lactation periods, she has produced 176,000 lbs. of milk on official test. She gave birth to her last calf on December 15th, 1939. No attempt was made to breed her until April 10th, 1940. Following that service, it was thought that she had conceived, but six weeks later she again appeared in œstrum and later too frequently, showing a tendency to nymphomania. A veterinarian examined her and diagnosed her case as one in which cystic degeneration of the ovaries was occurring. She was given treatment until œstrum recurred at normal intervals. Subsequently, she was bred repeatedly and to different sires, but she did not conceive. At a year after freshening, she was still giving about 50 lbs. of milk a day, and it was suggested to the owner that she should be dried off. This was done, but her ration had to be reduced in order to accomplish it. During this time œstrum appeared at normal intervals, but she was not bred.



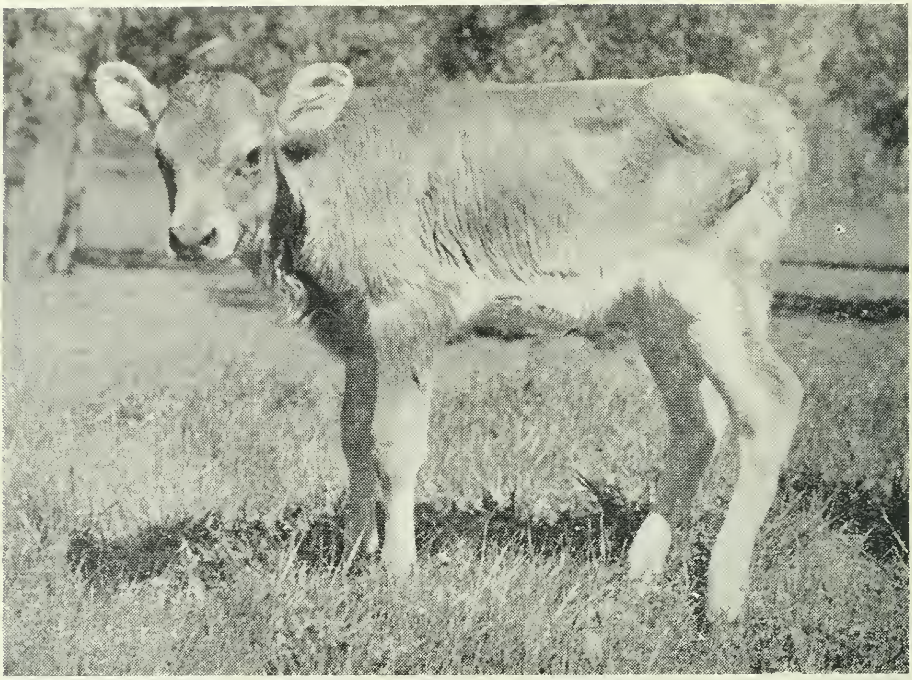
Sterile Holstein Cow—Dewdrop Johanna Changeling
Produced 176,000 pounds of milk in eight lactation periods—R.O.F.

When examined at the clinic a thin, watery discharge containing pus flakes was noted in the fundus of the vagina. Her uterus was atonic and the ovaries greatly enlarged and both cystic. Despite the cystic condition of her ovaries, there was not any evidence of a perverted sexual desire such as is exhibited by most of these cases.

The treatment applied consisted of rupturing the ovarian cysts and the internal administration of potassium iodide. It is too soon to report the result of this treatment, but because she had previously been a regular breeder it is felt that she may recover.

White Scours in Calves

Calf scours is another disease which has been quite prevalent this last season. Calves suffering with the ailment and dead as a result of it have been submitted to the clinic quite frequently. This disease is responsible for serious losses in many herds in the later stages of the long stable feeding period of the year. Calves born after the cows get on the grass are much less frequently affected. It is apparent that some factor which protects the new-born calf is wanting during stable feeding operations. There is some indication that the wanting factor may be vitamin A (the anti-infective vitamin). After cows are turned out on pasturage, the reserves of this vitamin are restored and the calves do not develop the disease.



White Scour Calf after two weeks' treatment

The accompanying picture is one of a calf which was brought to the clinic so weak it could not rise without assistance. A second one in a moribund state was submitted also. The owner stated that three others had died. The moribund calf was destroyed and a post-mortem examination made. The true stomach contained a quantity of sour-smelling curded milk and slimy exudate. The mucous membrane of the entire gastro-intestinal tract was inflamed and the mesenteric lymph glands were œdematous. Bacteriological culture revealed the bacillus coli predominating.

The pictured calf was kept for observation and treatment. It was placed in a warm, comfortable stall and fed whole milk three times a day. With each feed of milk it was given eight fluid ounces of soda water and a fluid drachm of a vitamin potent cod liver oil. In four days a marked improvement was evident. The soda water was discontinued and two fluid drachms of the syrup of hypophosphites given with the milk. Shortly afterwards, the cod liver oil was discontinued also and the calf was turned out in the sunshine for an hour or two every day. At the end of ten days it was apparently quite recovered and would play when released.

SHEEP DISEASES

In reference to sheep, cases of parasitism, pregnancy disease and stiff lamb disease are those most frequently presented at the clinic.

STIFF LAMB DISEASE

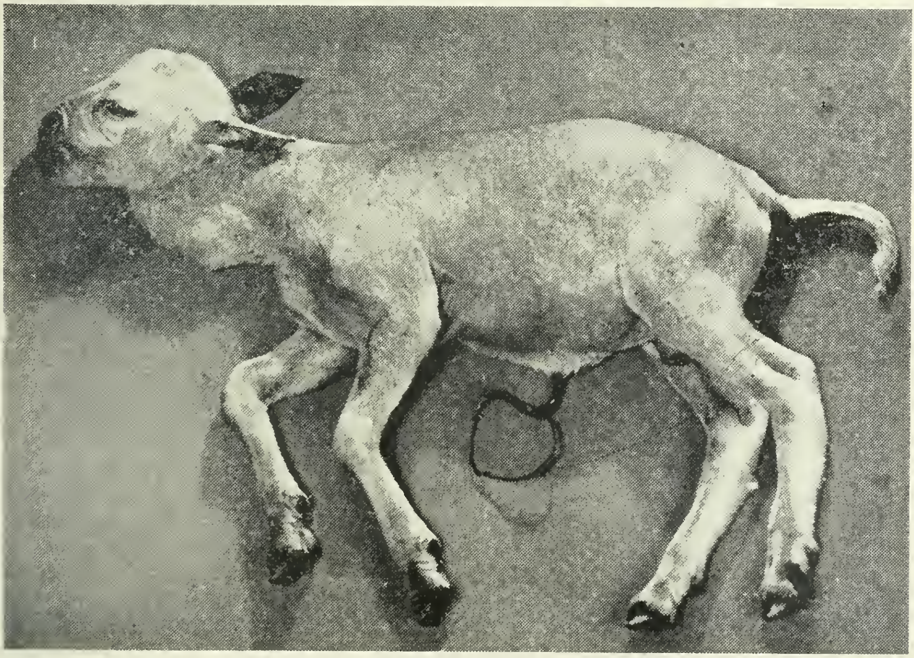
Since lambing time there has been a number of stiff lamb cases brought in for examination and also a considerable number of inquiries by mail, indicating a disease of this character. One farmer living in the vicinity of Paisley, Ontario, submitted a case of this nature. He mentioned that he had lost two and also that there were eight others at home in the flock similarly affected. Most of the stiff lambs were being bottle fed.

The lamb brought in was about four weeks old. When helped up it could walk, but was unable to rise without assistance. It was quite stiff, however, taking very short steps with the front feet upon which the greater part of the body weight is borne. After being put on its feet, it soon lay down again to avoid the muscular pain of locomotion and standing.

The owner was advised to modify the diet of the lactating mother sheep and to give the lambs dilute phosphoric acid daily. A report from him regarding the result of this treatment was received, and in it he stated that one lamb died, but he believed it had been too far gone to recover. The four lambs that were down and could not get up were able to rise and walk a little after two doses of the medicine had been given. They could all go to the field in a few days and do not seem to be at all stiff now (letter received three weeks after the treatment was commenced).

CONGENITAL GOITRE IN LAMBS

This report and the accompanying picture of the lamb is one which illustrates the condition vividly. The history of the outbreak is as follows: The owner purchased a flock of year-old ewes for breeding purposes last fall. They had been well fed throughout the winter months, were in good physical condition and had plenty of milk for their young. At lambing time, however, about three out of every five lambs died. The lambs were



CONGENITAL GOITRE IN A LAMB
NOTE: The enlarged thyroid, the bare ears and lack of wool along the back.

very weak, appeared thin, quite small in size, were insufficiently woolled and showed evidence of being prematurely born. After birth they lived from five to thirty hours and were never able to take nourishment. The lambs were carried to within a few days of the normal gestation period.

The specimen lamb submitted to the clinic for examination had no wool on its ears, very little along the back and any growth of wool there was looked more like hair than wool. The skin seemed loose and wrinkled. Most significant of all was the enlarged thyroid gland. The whole aspect of the carcass was that of congenital goitre. The history of the condition as it occurred in the flock was significant also.

The development of congenital goitre in new-born animals is a remarkable manifestation of the lack of the endocrine secretion of the thyroid gland. The normal functioning of the gland is dependent upon an adequate amount of iodine. When this element is lacking in the rations of farm animals the likelihood of congenital goitre appearing in the offspring is very great. The lack of iodine does not reveal any visible or obvious symptoms in the pregnant mother, but manifests itself in the new-born by an enlargement of the gland, weakness of the young, and a lack of the normal development of the skin and its appendages, particularly the hair and wool. Other tissues of the body also undoubtedly are affected by the deranged metabolism.

Hookworm Disease in Goats

An unusual case was presented at the clinic in the form of parasitism in goats. An inquiry regarding the history of the outbreak revealed that a flock of about one hundred and seventy-five goats were kept on the fenced-in property of a large oil refining company where their storage tanks were kept. The goats were kept for the purpose of keeping the weeds down on the vacant portions of the fenced-in land. Along in February and earlier the goats commenced dying off. Veterinary assistance was acquired, and it was felt that parasitism was the cause of the losses for the affected animals were anemic, diarrhœic, and greatly emaciated. As many as fifty or sixty of them died. Pregnant goats aborted. Two badly affected ones were sent into the clinic for examinations.

When examined, they were found to be greatly emaciated, unable to stand and in a moribund state. The mucous membranes were pale and anemic. When the viscera was exposed, ascitic fluid of a non-inflammatory character was evident in pleural and peritoneal cavities and the lymph glands were œdematous. The subdermal tissues along the ventral surfaces of the body were infiltrated also with fluid. Except for the abnormal amount of ascitic fluid, the thoracic viscera appeared normal. As the indications of the post-mortem examination were those of parasitism it was expected that parasites would be found in the abdominal viscera. Accordingly, the stomach and intestines were carefully examined throughout. Usually in sheep and goats, stomach worms, tapeworms and nodular worms are the cause of such troubles, but in these goats no evidence of parasites was observed until the cæcum was reached. Here a few whipworms were found in the blind extremity of that organ. On opening the colon, however, hundreds upon hundreds of hookworms were found throughout the length of this gut. Its mucous membrane was inflamed, shot through with patechial hemorrhages, contained clots of blood and near the rectal extremity liquid feces. Here obviously was the cause of the trouble in these goats.

The hookworm of the goat is known as the Monodontus trigonocephalus of the family Ancylostomidæ. The cervical and esophageal glands of this parasite contain anticoagulants and since it is a tissue feeder, large amounts of blood are ingested also. This probably accounts for the serious anemia which often accompanies their presence and seems to be out of proportion to the numbers of parasites present in some infestations.

The occurrence of abortion in the pregnant goats of this flock is of particular interest and should be kept in mind when dealing with outbreaks of abortion in sheep as well. It may be known that hookworm infestation will cause abortion in goats, but the writer is not aware of any such report. The following excerpt from Chandler's book on Hookworm Disease in reference to the condition affecting pregnant women in oriental countries is significant. "Pregnancy is a powerful factor in accentuating the effects of hookworm disease, or it might be more accurate to put it vice versa. Darling, Barber and Hacker found a striking effect of pregnancy on the hemoglobin index, especially noticeable in the later months; they consider this as due in part to hydremic plethora rather than to a true anemia; they consider this condition to be of frequent occurrence after puberty in non-pregnant women, also, when the hematopoietic system is oxer-taxed. The additional tax of a severe hookworm infestation is often too great for pregnant women, and abortions or miscarriages commonly occur."

Swine Diseases

Regarding diseases in swine, the year 1940 will be remembered for the serious outbreak of Hog Cholera which occurred particularly in some of the southwestern counties of the Province. From this source of infection, sporadic outbreaks occurred in many other parts of the province as well. Previously, hog raisers and veterinarians had not experienced but very little of this disease and as a result pigs were brought in to the clinic for examination on occasions which were suffering with, or had died from, Hog Cholera. It is admitted that the differentiation of this disease from some other of the infective diseases of swine is difficult, particularly in the early stages. Nevertheless, a well-established outbreak has certain clinical aspects which are significant when the whole picture of its occurrence is given due consideration.

While the disease may occur at any period of the year, its chief seasonal appearance is in the late summer and fall, along in October and November. There is usually a history of outside contacts such as having bought swine from a drover or trucker or perhaps having visited at places where sick hogs are. Occasionally, garbage feeding is a source of the infection. In some instances, the origin of the infection cannot be determined. Regardless of its source, the introduction of infected hogs is the most common origin of an outbreak of the disease. The period of incubation is five to ten days. In very acute forms of the disease the affected animal may die without showing recognizable symptoms. The acute form commences with chills and a high temperature, ranging from 105 to 109° F. The temperature usually remains high until near the end. In a susceptible herd of swine, pigs at any age may be found affected, some will have died, others are obviously sick, while others are apparently well. At first, only a few will be attacked, but in the course of a week or ten days all will be either exposed or sick. The sytemic reaction is of the nature of marked prostration, refusal to eat, stiffness and a disinclination to move. Purplish discoloration of the skin along the abdomen and of the ears is often observed, particularly in the colder seasons of the year. At first, there is constipation, often followed by diarrhea. Motor irritation and weakness of the hind extremities is common. In some instances convulsions, and pregnant sows frequently abort. In this form of the disease, the mortality is high, often as many as 85% of the pigs dying. Some may survive, but do not do well and usually have some chronic respiratory or digestive affection as a sequel to the acute disease.

The post-mortem lesions in many instances are quite typical, except in the peracute cases which died suddenly. Hemorrhages are the distinctive lesions of Hog Cholera; these are found widely distributed in serous and mucous membranes, skin, lymph glands and internal organs. On section, the lymph glands show peripheral hemorrhage and look dark red or almost black on their surface. In the region of the iliocæcal valve, severe hemorrhagic inflammation is common in the acute cases. In chronic cases, this area is also the site of the button ulcer. The kidneys often show patechial hemorrhages under the capsule and the bladder is also studded with hemorrhagic spots and patechiæ.

The diagnosis of Hog Cholera is not difficult when one takes into consideration all features of the condition. The history of the outbreak is often important. the character of the symptoms and the fact that pigs of any age are affected, the excessively high temperature, the prostration and abortion in pregnant sows are all significant. It is true that post-mortem findings are sometimes confusing or perhaps disappointing, but generally in a well-established outbreak one need not err in diagnosis. Anyone conducting such examinations or doing post-mortem examinations on pigs affected with such a disease should be very careful about the disinfection of instruments used in accomplishing the work, of his footwear and wearing apparel before entering the premises of other farmers where swine are being raised.

REPORT OF THE PROVINCIAL ZOOLOGIST

Lionel Stevenson

Autopsy Service to Fur Breeders: The laboratory work related to the investigation into the cause of death of many animals submitted during the year by Ontario fur animal breeders revealed the following:

Cause of Loss	Fox	Mink	Rabbit	Ferret	Marten	Total
Pneumonia	6	15	3			24
Food Toxemia	4	32				36
Peritonitis		2				2
Uræmia		15				15
Distemper	4	4		7		15
Metritis		3				3
Nutritional Anemia		4				4
Strept. Infection		1			1	2
Staph. Infection		2				2
Vitaminosis	3	6				9
Milk Tetany *Nursing Sickness*		6				6
Intestinal Block		2	1			3
Acute Indigestion		5				5
Gastro-Enteritis	2	6				8
Paint Poisoning		1				1
Cancer		1				1
Chasteck Paralysis	3					3
Tuberculosis		2				2
Diabetes and Ketosis	2	11				13
Ruptured Liver	2	2				4
Parasitism	2	5				7
	28	125	4	7	1	165

The losses on the ranches from which representative animal carcasses were received for autopsy varied from the loss of but one animal to as many as 75 animals on one ranch. Death losses due to the use of meats that carried toxic properties were the most serious of all causes of loss reported during the year. Distemper was not a problem during the year and was confined to two Silver Fox ranches, three Mink ranches, and one Ferret ranch.

A Short Course for Fur Animal Breeders: A highly successful two-day short course of instruction was held at the College on the 12th and 13th of June, 1940. This course was attended by 250 fur animal breeders from various parts of Ontario. This short course for fur animal breeders has been an annual event since 1929.

Course in Fur-Bearing Animals: A course of 36 lecture hours was given to students, covering the subject "Diseases of Fur-Bearing Animals." A lecture text, consisting of 65 pages of typed multigraph foolscap size pages, was prepared during the year. This material was supplied to the students taking the course, and to any veterinarian in practice desiring the latest information on fur-bearing animal diseases.

Inspection of Fur Animal Field Days and Shows: At the request of the President of the Ontario Fur Breeders' Association, inspection service was given at the Field Days and Shows held at Owen Sound, Alliston, St. Marys and Guelph.

Tissue vaccine was prepared and supplied to one fox ranch where heavy losses were being experienced from distemper. An autogenous vaccine was prepared for a rabbitry where heavy losses were being experienced. In both instances, success followed the use of these vaccines.

Multigraphed circulars were prepared on the Angora rabbit, muskrat, beaver, nutria, karakul sheep, guinea pig, skunk and fisher. A circular letter on phenothiazine was prepared and sent out.

Routine urinalysis tests and fecal examinations were carried out. Samples of meats as used in fur-bearing animal feeding were examined and reported on to the ranchers concerned. Numerous samples of prepared cereal feeds were submitted for an opinion. Formulæ for fur animal rations were considered from the standpoint of nutritive value, suitability and wholesomeness. An opinion was given on rations submitted when requested by ranchers.

ANNUAL REPORT

OF THE

Department of Highways

ONTARIO

FOR THE FISCAL YEAR ENDING MARCH 31st
1941

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO

SESSIONAL PAPER No. 32, 1942

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1941

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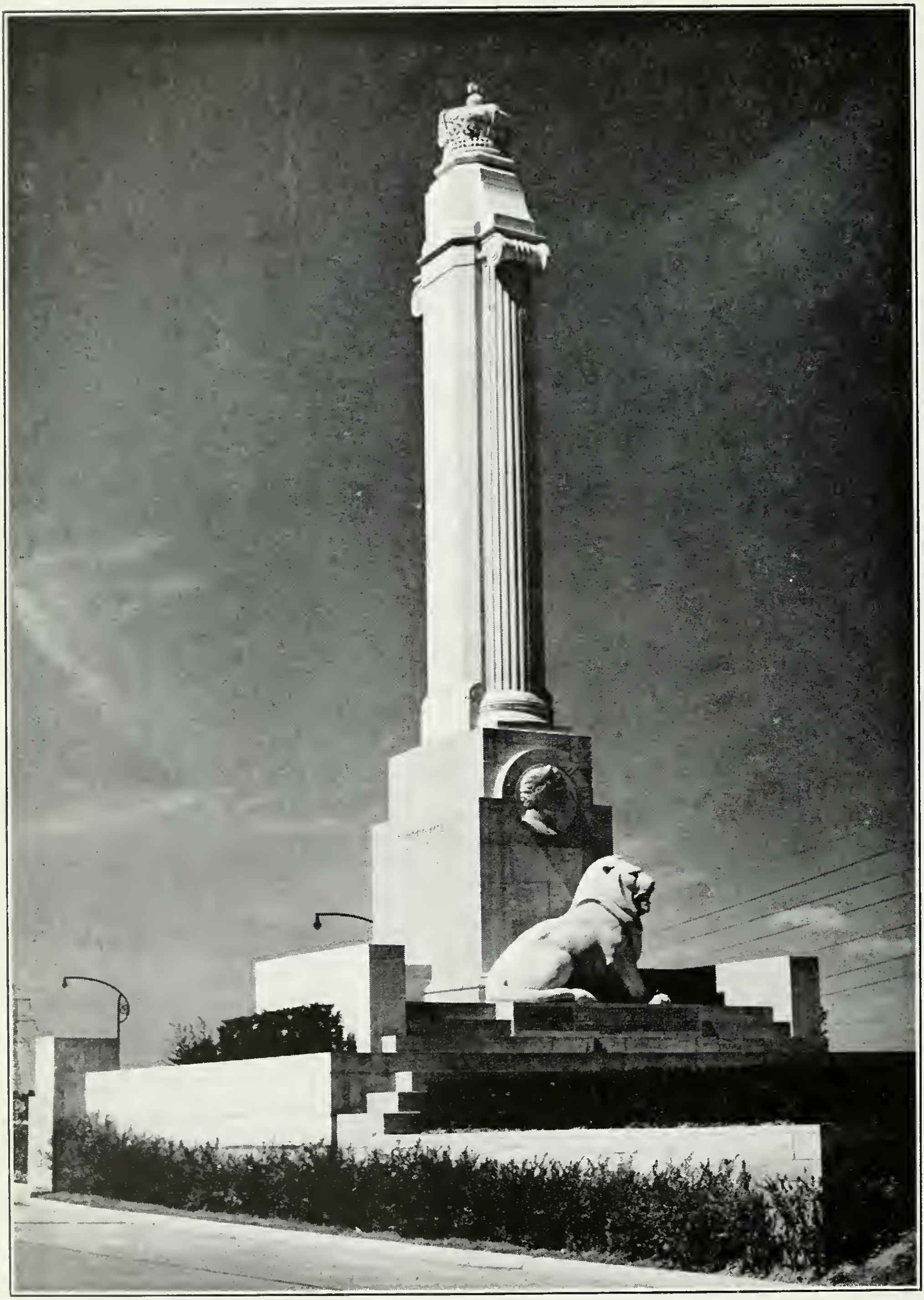


MONUMENT COMMEMORATING THE VISIT OF THEIR MAJESTIES—THE QUEEN ELIZABETH WAY AT THE TORONTO ENTRANCE

To The Honourable Albert Matthews, LL.D.,
Lieutenant-Governor of the Province of Ontario.

May it Please Your Honour:—

The undersigned has the honour to transmit the Annual Report of the Department of Highways, Ontario, for the fiscal year ending March 31st, 1941.

Respectfully submitted,

T. B. McQuesten
Minister.

Department of Highways, Ontario,
Toronto, December 31st, 1941.

To The Honourable T. B. McQuesten, K.C., B.A., LL.B.,
Minister of Highways, Ontario.

Sir:—

I have the honour to present herewith Report on the activities of the Department of Highways for the Fiscal Year ended 31st March, 1941.

The Report covers operations and functions performed by the various branches, including King's Highways, Municipal Roads, Bridge Construction, Accounting, Gasoline Tax and Motor Vehicles.

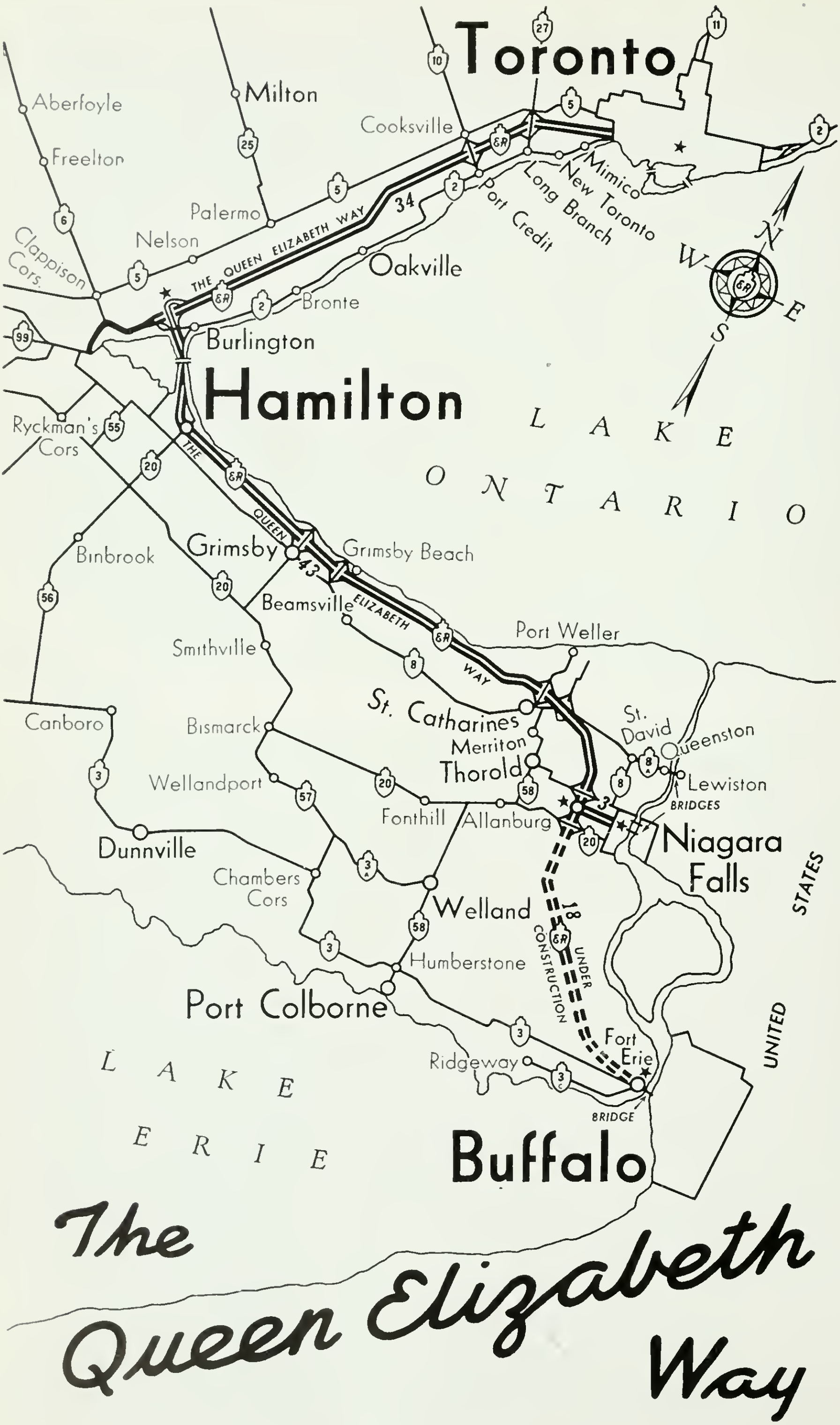
I have the honour to be, Sir,

Your obedient servant,

R. M. Smith,
Deputy Minister.

Department of Highways, Ontario,
Toronto, December 31st, 1941.

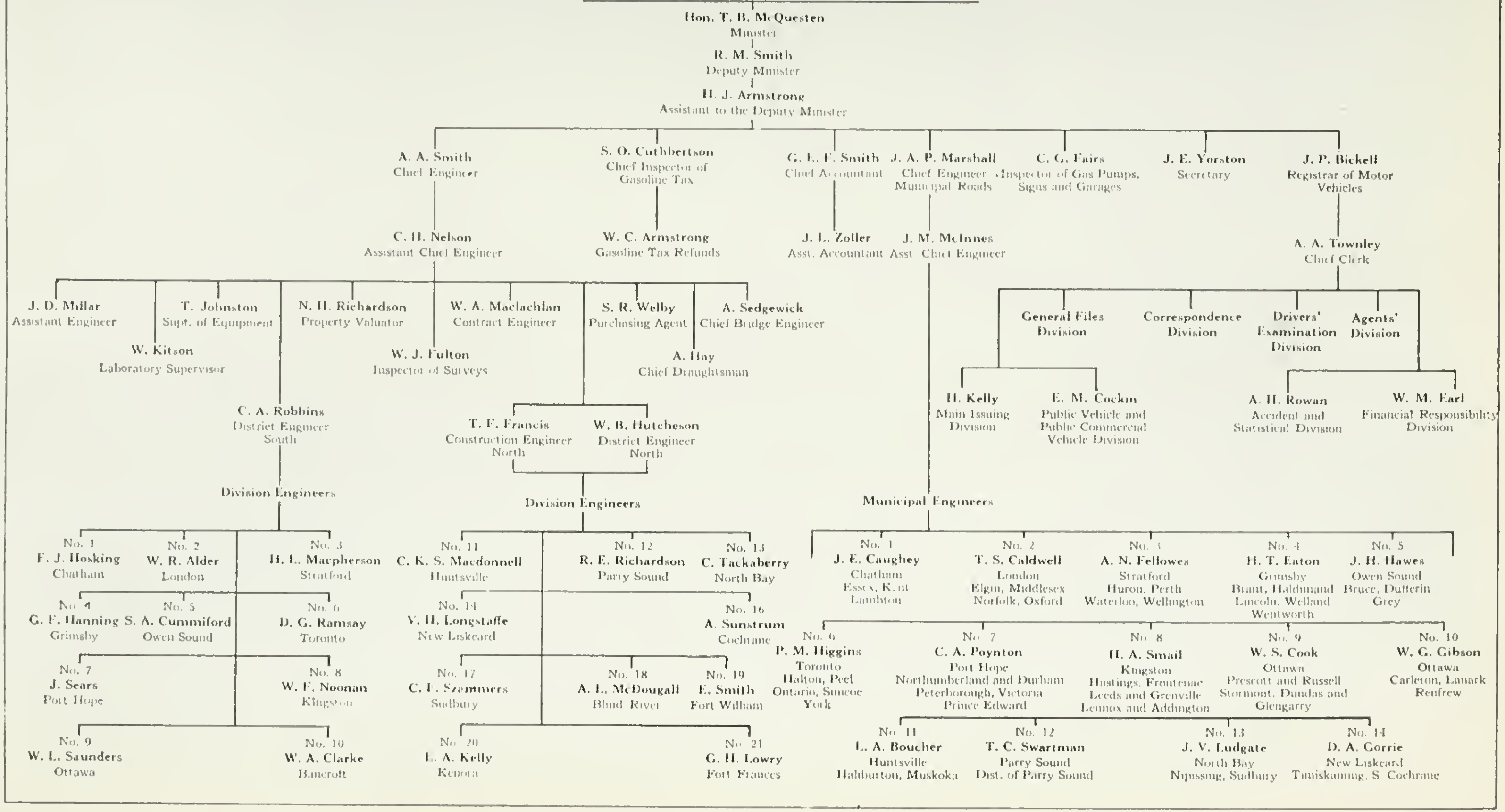
THE HONOURABLE T. B. McQUESTEN OFFICIALLY OPENS THE QUEEN ELIZABETH WAY TO TRAFFIC, ST. CATHARINES, AUGUST 23, 1940


Toronto
Aberfoyle
Milton
Freelton
Cooksville
Palermo
Nelson
Clappison Cors.
THE QUEEN ELIZABETH WAY
34
Mimico
New Toronto
Long Branch
Port Credit
Oakville
Bronte
Burlington
Hamilton
Ryckman's Cors
LAKE ONTARIO
N
W
E
S
Grimsby
Grimsby Beach
Binbrook
43
Beamsville
Smithville
Port Weller
St. Catharines
Merriton
Thorold
St. David
Queenston
Lewiston
BRIDGES
Canboro
Bismarck
Wellandport
Fonthill
Allanburg
Niagara Falls
Dunnville
Chambers Cors
Welland
18
UNDER CONSTRUCTION
UNITED STATES
Humberstone
Port Colborne
Ridgeway
Fort Erie
BRIDGE
LAKE ERIE
Buffalo
The Queen Elizabeth Way

1940

ORGANIZATION CHART

DEPARMENT OF HIGHWAYS ◆ ONTARIO


Hon. T. B. McQuesten
Minister
R. M. Smith
Deputy Minister
H. J. Armstrong
Assistant to the Deputy Minister
A. A. Smith
Chief Engineer
S. O. Cuthbertson
Chief Inspector of Gasoline Tax
G. E. F. Smith
Chief Accountant
J. A. P. Marshall
Chief Engineer Municipal Roads
C. G. Fairs
Inspector of Gas Pumps, Signs and Garages
J. E. Yorston
Secretary
J. P. Bickell
Registrar of Motor Vehicles
C. H. Nelson
Assistant Chief Engineer
W. C. Armstrong
Gasoline Tax Refunds
J. L. Zoller
Asst. Accountant
J. M. McInnes
Asst. Chief Engineer
A. A. Townley
Chief Clerk
J. D. Millar
Assistant Engineer
T. Johnston
Supt. of Equipment
W. Kitson
Laboratory Supervisor
N. H. Richardson
Property Valuator
W. A. Maclachlan
Contract Engineer
W. J. Fulton
Inspector of Surveys
S. R. Welby
Purchasing Agent
A. Sedgewick
Chief Bridge Engineer
A. Hay
Chief Draughtsman
General Files Division
Correspondence Division
Drivers' Examination Division
Agents' Division
H. Kelly
Main Issuing Division
E. M. Cockin
Public Vehicle and Public Commercial Vehicle Division
A. H. Rowan
Accident and Statistical Division
W. M. Earl
Financial Responsibility Division
C. A. Robbins
District Engineer South
T. F. Francis
Construction Engineer North
W. B. Hutcheson
District Engineer North
Division Engineers
Division Engineers
Municipal Engineers
No. 1
F. J. Hosking
Chatham
No. 2
W. R. Alder
London
No. 3
H. L. Macpherson
Stratford
No. 4
G. F. Hanning
Grimsby
No. 5
S. A. Cummiford
Owen Sound
No. 6
D. G. Ramsay
Toronto
No. 7
J. Sears
Port Hope
No. 8
W. F. Noonan
Kingston
No. 9
W. L. Saunders
Ottawa
No. 10
W. A. Clarke
Bancroft
No. 11
C. K. S. Macdonnell
Huntsville
No. 12
R. E. Richardson
Parry Sound
No. 13
C. Tackaberry
North Bay
No. 14
V. H. Longstaffe
New Liskeard
No. 16
A. Sunstrum
Cochrane
No. 17
C. F. Szammers
Sudbury
No. 18
A. L. McDougall
Blind River
No. 19
E. Smith
Fort William
No. 20
E. A. Kelly
Kenora
No. 21
G. H. Lowry
Fort Frances
No. 1
J. E. Caughey
Chatham
Essex, Kent
Lambton
No. 2
T. S. Caldwell
London
Elgin, Middlesex
Norfolk, Oxford
No. 3
A. N. Fellowes
Stratford
Huron, Perth
Waterloo, Wellington
No. 4
H. T. Eaton
Grimsby
Brant, Haldimand
Lincoln, Welland
Wentworth
No. 5
J. H. Hawes
Owen Sound
Bruce, Dufferin
Grey
No. 6
P. M. Higgins
Toronto
Halton, Peel
Ontario, Simcoe
York
No. 7
C. A. Poynton
Port Hope
Northumberland and Durham
Peterborough, Victoria
Prince Edward
No. 8
H. A. Smail
Kingston
Hastings, Frontenac
Leeds and Grenville
Lennox and Addington
No. 9
W. S. Cook
Ottawa
Prescott and Russell
Stormont, Dundas and
Glengarry
No. 10
W. G. Gibson
Ottawa
Carleton, Lanark
Renfrew
No. 11
L. A. Boucher
Huntsville
Haliburton, Muskoka
No. 12
T. C. Swartman
Parry Sound
Dist. of Parry Sound
No. 13
J. V. Ludgate
North Bay
Nipissing, Sudbury
No. 14
D. A. Gorrie
New Liskeard
Timiskaming, S. Cochrane

HIGHWAYS OF ONTARIO

By R. M. Smith, Deputy Minister

During the period covered by this report, namely the fiscal year ending March 31st, 1941, the total revenue collected by the Department was as follows: Gasoline Tax, $26,613,781; Motor Licenses, $9,313,330; Miscellaneous, $169,091, making a total of $36,096,202, an increase of more than $2,100,000 over the preceding twelve months. Of this increase $1,500,000 was from Gasoline Tax and the Motor Vehicle revenue accounted for over $600,000. The following are comparative figures, giving the expenditure and revenue of the Department for the past several years; it will be noted that the expenditure still exceeds the revenue in total:

	Approximate Revenue	Approximate Expenditure
1940–41	$ 36,000,000	$ 26,600,000
1939–40	34,000,000	32,000,000
1938–39	26,500,000	42,000,000
1937–38	27,000,000	43,700,000
Four-Year Totals	$123,500,000	$144,300,000

In reading the following reports it will be noticed that the high standard of construction and maintenance has been maintained. All the work done is toward a greater degree of safety and comfort. In acquiring new rights-of-way wherever practicable additional areas are procured for the construction of park sites to add to the existing beauty of the present highway. Throughout unpaved areas everything possible is being done to eliminate the discomfort of mud and dust. In keeping with previous years, winter maintenance has received our special attention; constant removal of snow and ice has practically eliminated the hazards of year-around motoring.

Late in 1940 work was commenced on the construction of the last gap of a trans-Canada highway, between Geraldton and Hearst. When this road is completed it will be possible to drive from the Atlantic to the Pacific on an all-Canadian highway. This is not only a convenience to the motoring public but may prove of great value in connection with the war effort.

Paving was completed on The Queen Elizabeth Way from Stoney Creek to Niagara Falls and work was started on the new Kingston Road from Highland Creek to Oshawa.

During the year the total assistance given the Counties, Townships and Municipalities amounted to over five million dollars. The usual close co-operation between municipal officials and the Department has been maintained.

Registration of motor vehicles has again increased until it now stands at approximately 740,000 vehicles. Owing to the inability to travel abroad, the tourist traffic increased appreciably and the work that has been done on our highways is reflected in the numbers visiting this Province.

During the year many of our employees have enlisted in the Army, the Navy and the Air Force and no doubt this will continue throughout the duration of the war.

REPORT OF THE HIGHWAYS ACCOUNTANT

By G. E. F. Smith, Chief Accountant

To R. M. Smith, Esq.,
Deputy Minister of Highways.

The following is a summary of the Net Expenditure and Revenue for the fiscal year, April 1st, 1940, to March 31st, 1941:

EXPENDITURE	
King's Highways, Connecting Links, etc.	$ 19,969,633.65
Grants to Counties	2,247,808.11
Grants to Townships	2,398,591.77
Administration, Equipment, etc.	1,691,133.70
	$ 26,307,167.23
REVENUE	
Gasoline Tax	$ 26,613,781.05
Motor Vehicles	9,313,330.66
Permits, Gasoline Pumps, etc.	117,994.59
Miscellaneous and Sundries	71,386.27
	$ 36,116,492.57

As in previous years the books of each municipality accepting aid under the Highway Improvement Act were audited by the Accounting Department.

REPORT OF GASOLINE TAX REVENUE

By S. O. Cuthbertson, Chief Inspector, Gasoline Handling Act

To R. M. Smith, Esq.,
Deputy Minister of Highways.

The gross gasoline tax collections for the Province during the fiscal year, April 1, 1940, to March 30, 1941 (both dates inclusive), amounted to $29,370,588.39. During the same period $2,762,297.80 was refunded to farmers, manufacturers, motorboat users, aeroplane users, etc. The net gasoline tax collections after refunds were made amounted to $26,608,290.59.

During the same period receipts from gasoline handling licenses amounted to $5,440.46, and $50.00 being revenue derived from fines imposed for infractions of the Gasoline Handling Act and the regulations made thereunder.

During the year covered by this report the Dominion Government appointed an Oil Controller for Canada, and although the revenue derived from gasoline tax shows an increase over the previous year, it is anticipated that there may be restrictions imposed due to the war effort during ensuing years. Although this report covers the collections of gasoline tax up to March 31, 1941, it might be mentioned here that the Dominion Govermnent imposed a tax (effective April 30, 1941) of .03c per Imperial gallon on all gasoline, in addition to the existing Sales Tax imposed by the Dominion Government, and the Provincial Government tax. Other drastic measures have been taken in an effort to reduce the consumption of gasoline for pleasure purposes, and there has been some comment, from time to time, made suggesting that a rationing system will be instituted.

The method of dealing with refund claims is substantially the same in this year as in previous years, and the usual outside staff is constantly engaged in making the usual verification of gasoline tax collectors' accounts.

S. O. Cuthbertson,
Chief Inspector Gasoline Tax.

REPORT OF MISCELLANEOUS PERMITS BRANCH

By C. G. Fairs, Supervisor

To R. M. Smith, Esq.,
Deputy Minister of Highways.

I have the pleasure to submit for your perusal the following 1940–41 Fiscal Year Report:

Building Permits

Number of Permits Issued	864
Approximate Value	$ 1,514,257.00

Comments

Pursuant to the Highway Improvement Act, Section 71, Subsection 5 and the Order-in-Council dated June 1st, 1938, setting out regulations, the permits referred to above were issued for new buildings within 150 feet of the Boundary Line of King's Highway Right-of-Ways. The usual precaution has been taken to avoid moving buildings at the time of anticipated road widening.

Public Garage Licenses

These licenses are issued as of the calendar year, January 1st to December 31st, 1940.

Number of Licenses Issued, Class "A"	3,902
Number of Licenses Issued, Class "B"	2,527
Revenue Receipts for the Fiscal Year, April 1st, 1940, to March 31st, 1941	$ 55,678.39

Our income from the licenses referred to above will coincide with the Treasury Department receipts for the fiscal year.

A quota basis has been inaugurated by the Federal Government in respect to the sale and importation of new cars. This measure is having a tendency to increase used car sales which temporarily is proving of financial benefit to some dealers. The result of this restriction will no doubt increase the repair shop trade.

Garage repair shops are beginning to feel the effect of the war in regards employing experienced help. Where possible we are encouraging operators to employ apprentices so that the efficient service, which has been enjoyed in the Province of Ontario in the past, may, through this unavoidable period, be kept up to its reputation of proficiency.

It is gratifying to know our efforts in regards cleaning up automobile wrecking yards adjacent to King's Highway Right-of-Ways is showing its intended effect. Very few yards of this kind can now be seen from roads under the control of the Department. We have obtained wonderful results from this work in the past year.

Gasoline Pumps — King's Highway Outlets Only

Permits are issued as of the calendar year, January 1st to December 31st, 1940.

Permits $25.00 (Curb)	632
" 5.00 (8 ft. to 25 ft. from Highway Boundary)	4,476
Revenue Receipts for the Fiscal Year, April 1st, 1940, to March 31st, 1941	$ 46,013.21

Comments

The income received for permits above referred to coincide with the Treasury Department receipts for the fiscal year.

Various restrictions recently brought into effect through the Federal Oil Controller's office prohibits the establishing of a new gasoline outlet. Therefore, the increased number of permits this year is not the result of new outlets but rather from where an operator had several pumps which were not previously used and has put them in operation. There has also been a large number of double visible type units replaced with two single meters which increases the number of required permits from one to two.

Service stations in operation have been permitted to rebuild or remodel their buildings. The result being, in cases of rebuilding, that we have set the building farther back from the boundary line of the road which permits more efficient driveways, etcetera, and the appearance of numerous old stations has been vastly improved.

Signs

Permits issued as of the calendar year, January 1st to December 31st, 1940.

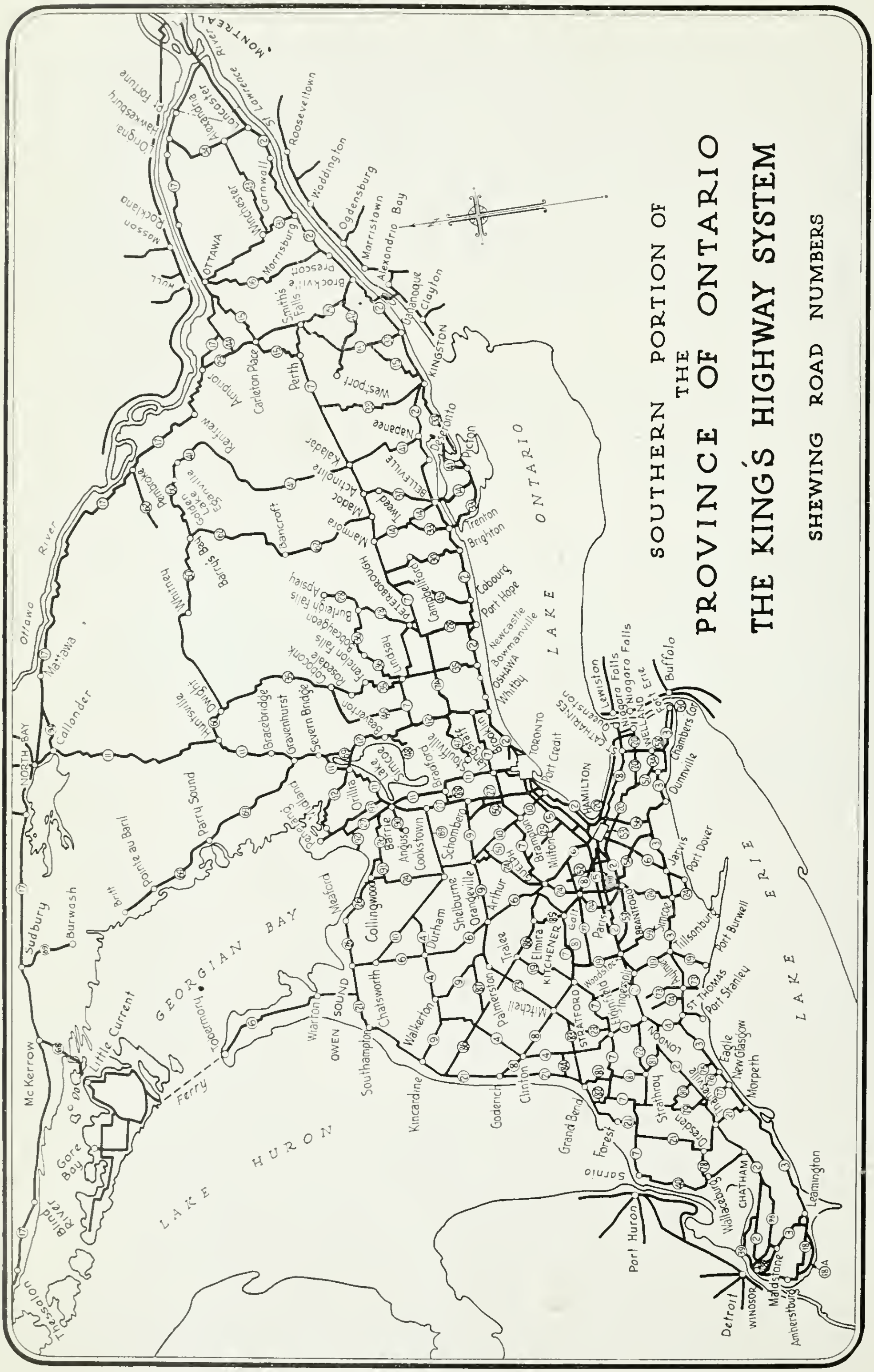
Permits $ 1.00		876
" 5.00		2,109
" 10.00		574
Revenue Receipts as of the Fiscal Year, April 1st to March 31st, 1941	$	16,302.99

Comments

The income received for permits above referred to coincide with the Treasury Department receipts for the fiscal year.

In order to preserve the landscape adjacent to Department roads, it is necessary that we discourage the erection of Outdoor Field Bulletin Advertising as much as possible. A large number of locations have been disapproved this year as the applications submitted have not met with the Department's regulations.

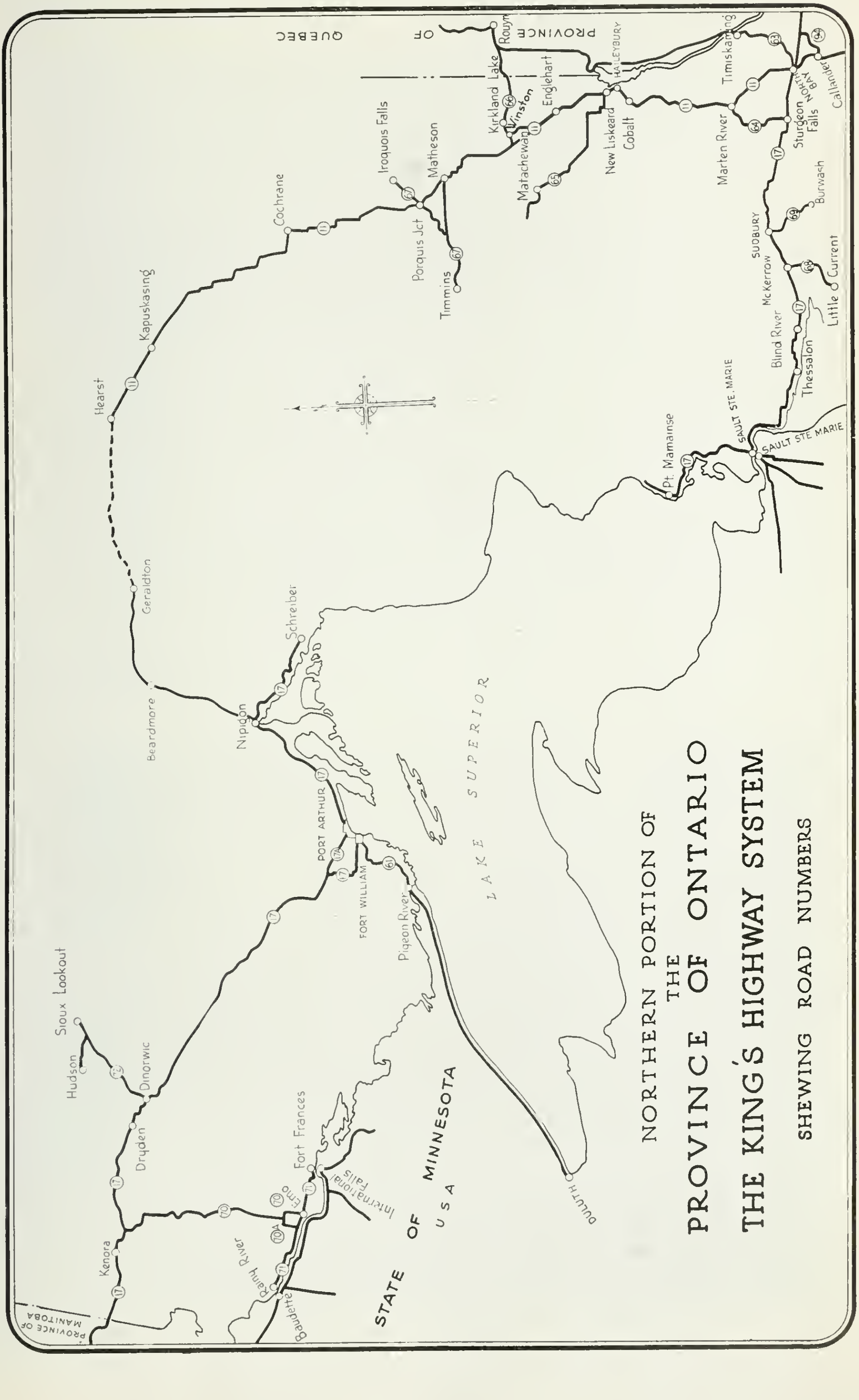
Metal and cardboard signs have been removed in tremendous numbers from unused buildings, trees, fences, etcetera, which were erected contrary to Department regulations.



SOUTHERN PORTION OF THE
PROVINCE OF ONTARIO
THE KING'S HIGHWAY SYSTEM
SHEWING ROAD NUMBERS

M-1266-8
Bulletin - 1938

MONTREAL
St. Lawrence River
Lancaster
Alexandria
Pt. Fortune
Hawkesbury
L'Orignal
Rooseveltown
Cornwall
Winchester
Waddington
Ogdensburg
Morrisburg
Morristown
Alexandria Bay
Rockland
Masson
OTTAWA
Hull
Prescott
Brockville
Gananoque
Clayton
Smith's Falls
Perth
Carleton Place
Arnprior
KINGSTON
Westport
Renfrew
Napanee
Deseronto
Picton
Kaladar
BELLEVILLE
Trenton
Brighton
Actinolite
Madoc
Tweed
Pembroke
Golden Lake
Barry's Bay
Bancroft
Marmora
Campbellford
Cobourg
Port Hope
Ottawa River
Whitney
PETERBOROUGH
Apsley
Burleigh Falls
Bobcaygeon
Fenelon Falls
Lindsay
Newcastle
Bowmanville
OSHAWA
Whitby
Mattawa
Dwight
Huntsville
Bracebridge
Gravenhurst
Severn Bridge
Coboconk
Rosedale
Beaverton
Uxbridge
Stouffville
Brooklin
Callander
NORTH BAY
Orillia
Lake Simcoe
Bradford
TORONTO
Port Credit
ONTARIO
LAKE
Lewiston
Niagara Falls
Queenston
ST. CATHARINES
WELLAND
Ft. Erie
Buffalo
Chambers Cor.
Dunnville
HAMILTON
Parry Sound
Midland
Penetang
Barrie
Angus
Cookstown
Schomberg
Brampton
Milton
GUELPH
Galt
Paris
BRANTFORD
Jarvis
Port Dover
Simcoe
Tillsonburg
Port Burwell
ERIE
Pointe au Baril
Britt
Sudbury
Burwash
Meaford
Collingwood
Shelburne
Orangeville
Arthur
Elmira
KITCHENER
Woodstock
Ingersoll
Aylmer
ST. THOMAS
Port Stanley
GEORGIAN BAY
Durham
Chatsworth
Tralee
Palmerston
STRATFORD
LONDON
Tobermory
Wiarton
OWEN SOUND
Walkerton
Mitchell
Lucan
Eagle
New Glasgow
Morpeth
Southampton
Kincardine
Goderich
Clinton
Strathroy
Thamesville
Little Current
McKerrow
Ferry
Grand Bend
Forest
Sarnia
Dresden
Wallaceburg
CHATHAM
Leamington
LAKE HURON
Gore Bay
Blind River
Thessalon
Port Huron
Detroit
WINDSOR
Maidstone
Amherstburg
18A



NORTHERN PORTION OF THE

PROVINCE OF ONTARIO

THE KING'S HIGHWAY SYSTEM

SHEWING ROAD NUMBERS

M-1266-9
Bulletin 1938

PROVINCE OF QUEBEC
PROVINCE OF MANITOBA
STATE OF MINNESOTA
U S A
LAKE SUPERIOR
Rouyn
Kirkland Lake
Swastika
Haileybury
Englehart
New Liskeard
Cobalt
Matachewan
Matheson
Iroquois Falls
Porquis Jct
Timmins
Cochrane
Kapuskasing
Hearst
Geraldton
Beardmore
Nipigon
Schreiber
Port Arthur
Fort William
Pigeon River
Duluth
Timiskaming
North Bay
Callander
Sturgeon Falls
Marten River
Burwash
Sudbury
McKerrow
Little Current
Blind River
Thessalon
Sault Ste. Marie
Sault Ste Marie
Pt. Mamainse
Sioux Lookout
Hudson
Dinorwic
Dryden
Kenora
Fort Frances
International Falls
Emo
Rainy River
Baudette
11
17
17A
61
63
64
65
66
67
68
69
70
70A
71
72
94

ANNUAL REPORT FOR 1940

KING'S HIGHWAY OPERATIONS

A. A. Smith, Chief Engineer

The operations carried out on the King's Highway system were those which rendered the greatest assistance to Canada's war effort. Primary consideration was given to the transportation requirements of the armed forces, the war industries and the international tourist traffic. Gaps in construction projects already under way at the outbreak of hostilities were rushed to completion in order to provide improved highway facilities with a minimum of delay.

Very few changes were made in existing standards of construction. A uniform nine-inch cross-section for concrete pavements was adopted, replacing the seven-inch, thickened-edge slab which has been standard for some years. This new section, designed to meet Canadian climatic conditions and heavy commercial traffic, now ranks among the heaviest in use on rural highways in North America. A new style of pavement, or "zone" markings, was introduced which indicates to the motorist where it is safe to overtake and pass another vehicle. This has been found particularly valuable as an aid to night driving. Every effort was made to improve driving conditions. Summer maintenance included the application of dust layer on all main gravel roads. Experimental sections were treated with a heavy dust layer or 'prime' coating of bituminous material which gave very favourable results. Several additional roadside parks were opened to the travelling public, making a total of more than two hundred now available. All King's Highways, with the exception of isolated sections in the far northern portion of the province, were kept open for winter traffic. Sanding was done wherever ice conditions occurred.

Roadside Park—Highway No. 11 at Marten River

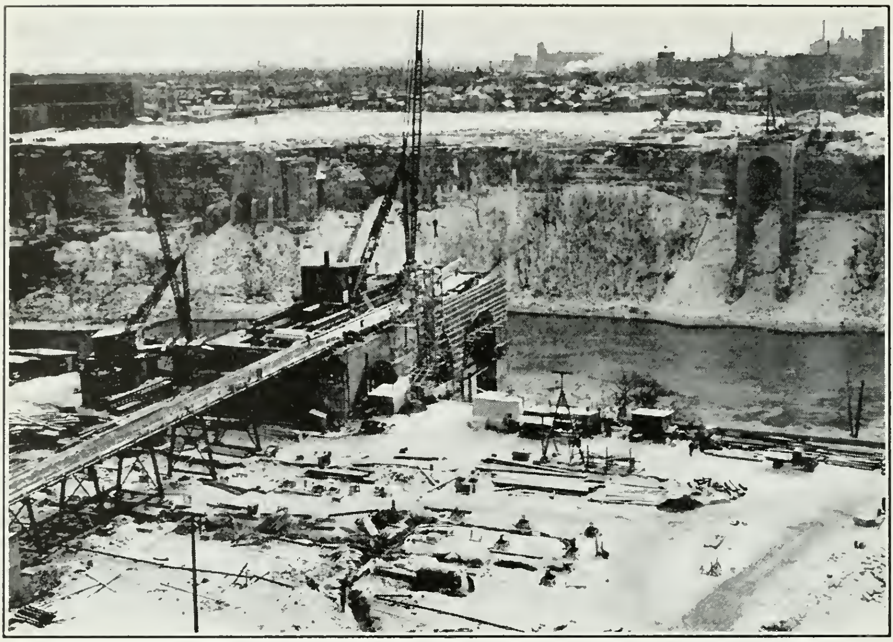
The Queen Elizabeth Way—looking west from intersection with Highway No. 27

Summary of Construction Projects

Paving and structures were completed on the Queen Elizabeth Way from Burlington Beach to Niagara Falls. Similar work was carried out on the western entrance to Toronto, the completed highway from Toronto to Niagara Falls being opened for traffic in August 1939. Construction of the remaining section of the Queen Elizabeth Way between Niagara Falls and Fort Erie was continued along with the connection to the new Rainbow Bridge spanning the Niagara River immediately below the Falls. In paving the section from Burlington Beach to Niagara Falls the efficiency of the modern contractor's organization was demonstrated. A total of 36 miles of divided highway, with 46-foot pavement width, was completed in ten weeks from the time the contracts were let.

Due to the heavy increase in transport traffic between Toronto and Oshawa, work was reopened on the uncompleted section of the new Kingston Road from Highland Creek to Oshawa. In eastern Ontario the construction of the scenic highway from Gananoque to Brockville was continued in order to provide improved connections with the Thousand Islands Bridge at Ivy Lea. Other construction projects in the southern portion of the province included the completion of the pavement on Highway 90 from Barrie to Camp Borden and the preliminary engineering on the diversion of Highway 60 in the vicinity of Bark Lake, the latter undertaken in conjunction with Hydro-Electric developments in this area.

In Northern Ontario the grading work on Highway 11 through the Timagami Forest Reserve was completed. The opening of this section of highway eliminated some thirty miles of sharp curves and steep grades on the former location and gives free access to the lumbering, mining and vacation areas of the north. Grading and paving were continued from Englehart toward Kirkland Lake and Timmins. West from North Bay, several short gaps in the grading and paving were completed on Highway 17.



Construction proceeding on approaches to Rainbow Bridge, Niagara Falls

In Northwestern Ontario the new highway from Nipigon to the mining area at Geraldton was opened to traffic in October, 1940. Due to the urgent necessity of an all-Canadian highway as a supplement to the transcontinental railway lines, the continuation of this highway easterly to connect with Highway 11 at Hearst was undertaken. Surveys were made and contracts awarded for grading the 153-mile connection.

At the end of the 1940 fiscal year ending March 31, 1941, the total mileage of the different types of surfaces on roads comprising the King's Highway system were as follows:

Concrete	1,808.45	Miles
Asphalt	366.63	"
Mixed Macadam	706.74	"
Retread	437.76	"
Penetration	352.84	"
Macadam	202.63	"
T. B. Macadam	15.61	"
Stabilized Gravel	7.05	"
Gravel	3,415.40	"
Total	7,313.11	"

Mileage constructed during the fiscal year ending March 31, 1941, was as follows:

Cement Concrete, Dual Lane	41.23	Miles
Cement Concrete, Single Lane	5.47	"
Mixed Macadam	28.00	"
Retread and Mulch	87.24	"
Grading	134	"

The details of the various bridges, grading and paving work follow later in this report.

SURVEYS' BRANCH

During the fiscal year 750 surveys were made entailing the surveying and monumenting of 646 miles of widened highways and the planting of about 5,150 monuments to define the limits of the right-of-way. These surveys affected some 1,674 owners (not including Crown Lands), and acquired about 6,200 acres of land.

Certain gaps were closed up. Added to the existing records are the now completed Land Plans between —

- North Bay and Sudbury
- North Bay and Latchford
- Highway No. 70 from Potts Township northerly to its intersection with Highway No. 17
- New Liskeard and Winston (including Round Lake Diversion)
- Nipigon and Geraldton
- Goderich and Owen Sound
- Fort William and English River

A new method was tried out on the Nipigon-Geraldton and Fort William-English River Survey. A detail party ran the centre line and curves, also monumented the right-of-way limits while the survey party got up the lot and property lines tying them into the monuments planted by the detail party.

In addition to the above surveys some 24 gravel pits were surveyed and 28 surveys were made for the purpose of defining building lines or new fence lines on highways which had not been previously surveyed and on which the right-of-way limits were not clearly marked on the ground.

The Queen Elizabeth Way—Martindale Cloverleaf and Henley Bridge at St. Catharines

The Queen Elizabeth Way—grade separation structure near Fort Erie

The Location Branch made 104 miles of new highway locations, which included profiles, cross-sections, contours and soundings; 229 miles of existing highway was traversed from which survey plans of 100′ = 1″ were prepared. Final detail surveys were continued along dual lane highways and 50′ = 1″ plans covering some 91 miles have now been completed. Two control surveys were made, Newcastle to Trenton and Toronto to Barrie, from which study plans at 400′ = 1″ are developed. Nine airport sites were done for the Department of Transport, Ottawa, in connection with the Commonwealth Air Training Plan and for the Department of Mines, Toronto, condition surveys were made of the three Western Ontario oil fields at Bothwell, Oil Springs and Petrolia, covering some 101 square miles and showing all wells that have been drilled whether in operation now or not, buildings, pipe lines, etc. In addition 25 special surveys were completed for accidents, arbitrations, drainage investigation, bridge soundings, etc.

The following list shows some of the surveys completed on divided and existing highways:

DIVIDED HIGHWAYS (50′ = 1″ PLANS)

Queen Elizabeth Way

East limit of Nelson Township to west limit of St. Catharines
Toronto to Etobicoke Creek

Belleville Easterly

Thurlow Township

Brown's Line

Queen Elizabeth Way to Highway No. 7

Hamilton-Dundas
Ancaster Township

Brockville Westerly
Elizabethtown and Yonge Townships

Chatham Westerly
Raleigh Township

Maidstone Westerly
Sandwich South Township

Existing Highways (100′ = 1″)

Nipigon to Geraldton
Shebandowan to English River
English River westerly 3 miles

DIVISION No. 1 — CHATHAM

Highway No. 2

From Windsor east one mile of resurfacing was done and from Sandwich to LaSalle one and a half miles of cold mix surface was laid.

Highway No. 3

Resurfacing was done both east and west from Blenheim.

The Queen Elizabeth Way—Welland River Bridge under construction

Highway No. 18

Amherstburg to Malden Centre was resurfaced.

Highway No. 98

Tilbury west three and three-quarter miles were resurfaced.

Considerable resurfacing was done in Rondeau Park.

All the roads in this division were kept open and sanded for winter traffic.

DIVISION NO. 2 — LONDON

Highway No. 2

Two bridges, over the Thames River, in the Village of Delaware with lengths of 250 feet and 125 feet, were refloored with concrete, painted, a sidewalk was constructed along one side and the piers and abutments repointed.

Highway No. 3

New Sarum diversion was surfaced with a 2½-inch depth of bituminous plant mix 24 feet wide. New Glasgow diversion was drained and a stabilized base 12 inches in depth constructed. A mile south of Delhi a sharp curve was flattened and after grading operations were completed a 3-inch mulch surface was built.

Highway No. 4

Near St. Thomas a gap of gravel road was covered with 4 inches of bituminous plant mix with an average width of twenty-six feet. Construction of a concrete bridge, replacing the old wooden bridge over the Aux Sauble River, in Exeter, was started.

In the City of London, at Division Headquarters, a storage shed was erected.

Eight miles of fencing were erected throughout the division.

All roads were kept open and sanded for winter traffic.

DIVISION NO. 3 — STRATFORD

Highway No. 7

Some fencing and widening was completed between St. Marys and Stratford. The steel bridge at New Hamburg was painted.

Highway No. 8

Some resurfacing of old concrete pavement was carried out between Dublin and Goderich. A new steel floor system was installed on the bridge at Mitchell.

Highway No. 9

A stream was diverted to protect the embankment three miles from Arthur.

Highway No. 21

Construction was started on a new bridge at Amberley. Considerable work was done on culverts and breakwaters between Grand Bend and Bayfield.

Considerable crushed gravel was applied throughout the division, all gravel roads were treated with dust layer and about 24 miles of road were surface treated. All roads in the division were kept open and sanded for winter traffic.

Winter construction—approach to Rainbow Bridge, Niagara Falls

The Queen Elizabeth Way—grade separation structure near Toronto

Division No. 4 — Grimsby

Queen Elizabeth Way

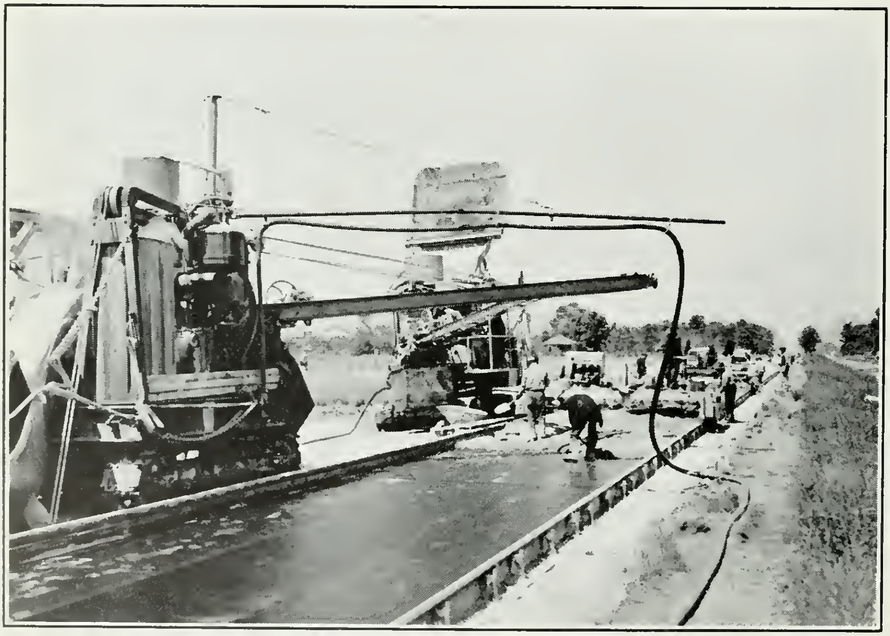
From Windemere Cut-off to the Thorold Stone Road two 23-foot concrete pavements were laid with 28-foot boulevard.

The subgrade was prepared 26 feet in width by scarifying, reshaping and consolidating with a 15-ton roller, after correction of variations in the grade, a spread of screenings was then mixed into the entire subgrade and rerolled, forming a very hard compact surface.

Steel forms were used on this work and some of the contractors used pneumatic hammers to drive the 24-inch pins which hold the forms in place. While 27E pavers were used on most of the contracts, on two contracts 34D dual pavers were used. Subgrade was prepared and forms set in the daytime but paving was carried on continuously. Just before the concrete took its initial set, the surface was broomed so as to give a nonskid surface. Expansion joints (1-inch creosoted wooden boards) were installed at 300-foot intervals.

Concrete pavement was laid on the various legs of the Thorold Stone Road cloverleaf. Cloverleafs were paved entering St. Catharines at Cushman Road and Niagara St.

When the Queen Elizabeth Way was graded through the town of Grimsby all level crossings were eliminated by means of three overhead bridges and closing three streets to through traffic. In order to connect up the streets of the town so that they would form cloverleafs it was necessary to build two new ramps and improve several other streets.



The Queen Elizabeth Way—Concrete paving operations

The Queen Elizabeth Way—night paving operations

Division No. 4 — Grimsby

These various connecting links were paved with a 3-inch binder course and a 1½-inch asphaltic concrete top. The same type of pavement was also laid at the Grimsby Beach approaches and on Lundy's Lane and the Thorold Stone Road approaches to the cloverleaf bridges.

A 2-inch temporary asphalt pavement was put down over the fills at Jordan, Fifteen and Sixteen Mile Creeks and Stoney Creek. The temporary connection to Highway No. 20 at the Windemere Cut-off and the connecting link at the Burlington Cloverleaf were also paved with a hot mix.

Work was carried on the whole year on the grading and culverts for the 3.3 miles between Thorold Stone Road and Lundy's Lane, including the excavation for cloverleafs at the Thorold Stone Road and Lundy's Lane intersections, the approach to the C. N. R. Overhead Bridge and the oval at the junction of the Queen Elizabeth Way and the Niagara Approach. Thorold Road Cloverleaf Bridge, reinforced rigid frame type with two 50-foot openings on the Queen Elizabeth Way and a 30-foot roadway with two sidewalks on the Thorold Road was completed.

The concrete trestle over the C. N. R. about three-quarters of a mile north of Lundy's Lane was completed. A rigid arch structure with centre pier and two 50-foot spans was constructed across the dual highway at Lundy's Lane to separate the Queen Elizabeth Way traffic from the traffic on Highway No. 20. A similar structure was built at Drummond Road to pass the traffic over the Niagara Approach. A structure similar to that at Drummond Road was started at Portage Road.

Operations were carried on all year on the 17.4 miles of grading and culverts between Lundy's Lane and Fort Erie. Le Tourneaus were used almost exclusively for excavating and the fills consolidated by spreading the material in 6-inch layers with bulldozers and wheeling over it continually with Le Tourneau equipment.

At Jordan Harbour the area along the shore of Lake Ontario for about one-half mile has been made into a very attractive park and a stone groyne was built out about 150 feet into the lake at the mouth of the Jordan River to protect the shore and beach from northeast storms.

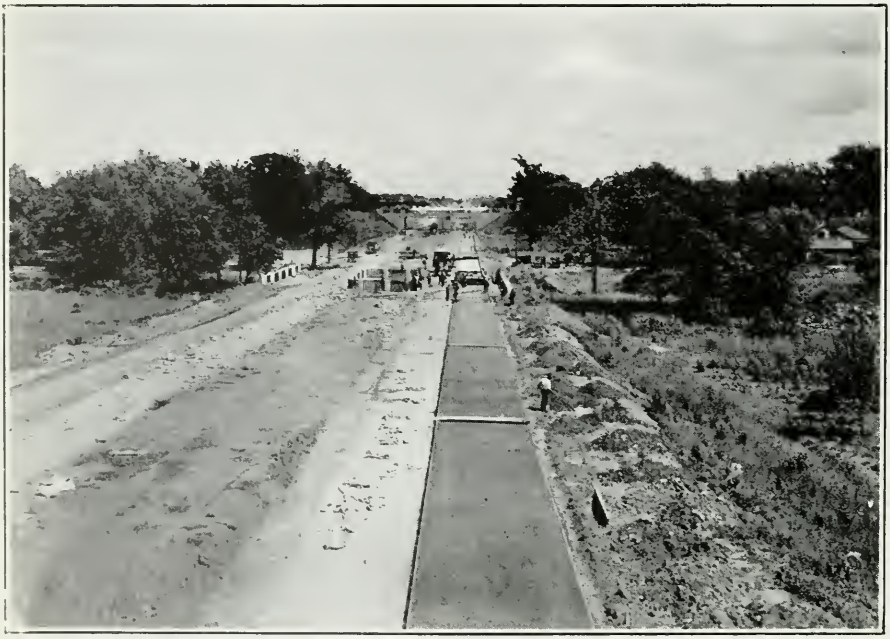
Highway lighting was partially installed between Oakville and Burlington and a complete lighting system installed from Windemere Cut-off to Thorold Road by the Hydro-Electric Power Commission. Poles were placed at 200-foot intervals.

Traffic signals were installed at Stoney Creek Road, Winona Sideroad, Beamsville Road, Vineland Road, Ontario St., St. Catharines, and Geneva St., St. Catharines. Two scale houses were erected at Stoney Creek Traffic Circle to control both east- and westbound truck traffic.

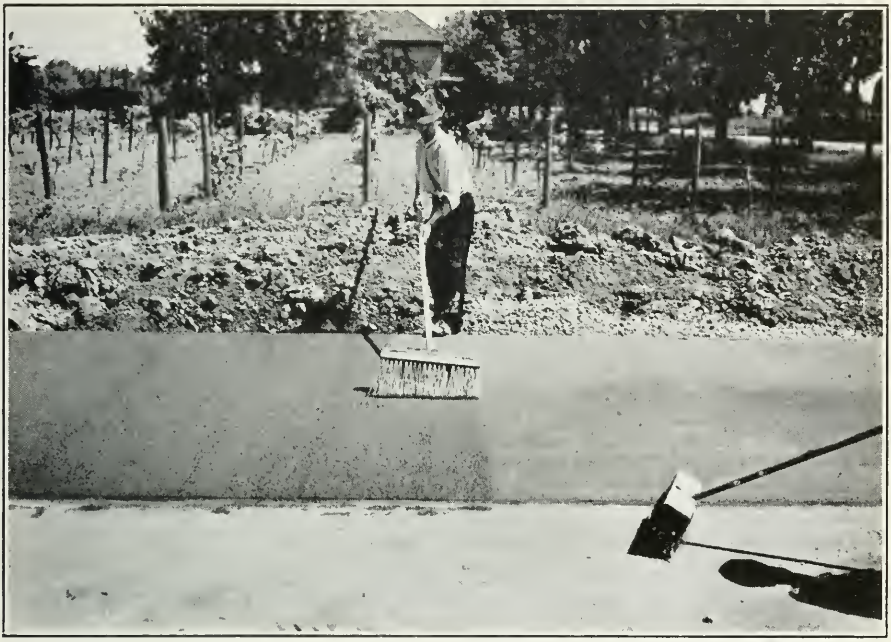
From Windemere to Thorold Stone Road was seeded and sodded.

Between Lundy's Lane and Fort Erie work was carried out on the following structures:

On the Welland River and Michigan Central Railway Bridge most of the concrete work was completed and some steel erected. This structure spans the Welland River and passes over the M. C. R. tracks. It is a reinforced concrete and steel trestle 973′ 6″ in length. Fifty-foot wooden piles were driven for the piers approaching the river from the north, fifty steel sheet pile caissons were driven for the river pier footings. There are 34 concrete piers exclusive of the abutments.



The Queen Elizabeth Way—paving construction at Grimsby



Broom finish being applied to concrete pavement.

A reinforced concrete structure of rigid frame design was constructed over Lyons Creek. (All footings were tied with a concrete cap forming a wall between the two structures.)

A reinforced concrete structure of rigid frame design was constructed over Tea Creek. This structure makes two complete bridges, one for southbound traffic and the other for northbound traffic with no tie between.

Work was started on a concrete structure of rigid frame design over Black Creek but only the footings were completed.

A bridge 412 feet long was built over the Michigan Central and the Canadian National Railways. This structure is a reinforced concrete and steel trestle. The structural steel was erected, but the deck slab not poured.

A reinforced concrete structure of rigid frame design, passing over a single C. N. R. track with provision made for a future double track, was built. This structure has a 30-foot span with two approach spans, 125 foot overall length.

Approach to New Rainbow Bridge

On the connection with the new Rainbow Bridge and the Queen Elizabeth Way two bridges were built over the Niagara Power Canal. The centre line of the approach highway cuts the canal at a very flat angle and also intersects Dorchester Road at almost the same point. In order to eliminate a very long expensive bridge structure, a circle was constructed with two bridge structures crossing the canal at right angles, the overall length of each structure is 224 feet.

Considerable work was done on the Canadian Approach Plaza to Rainbow Bridge and Victoria Avenue Grade Separation. Contracts were awarded for stone facing the Canadian Approach Plaza, for the Immigration and Customs Buildings, for plumbing and heating, for electric wiring and for the installation of pneumatic tube system.

Division No. 5 — Owen Sound

Highway No. 21

The only construction on this division consisted of guard rail erection between North Bruce and Owen Sound.

Twenty miles of road were surface treated and all gravel roads treated with dust layer.

All roads were kept open and sanded during the winter.

Division No. 6 — Toronto

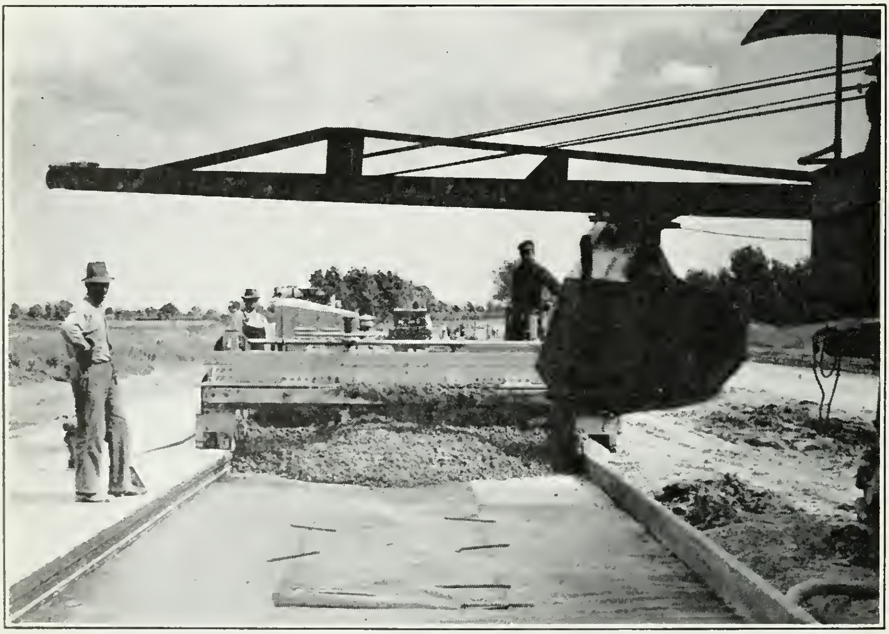
Queen Elizabeth Way

The westerly approach to Toronto, from Brown's Line to the Humber, was completed. The grading at the east end was finished in the spring and was followed by paving. From Brown's Line to Mimico Creek this consisted of two 23-foot concrete pavements with a 48-foot boulevard and from Mimico Creek to the Humber two 33-foot pavements of mixed macadam were laid with a section of 33-foot concrete at the Lakeshore.

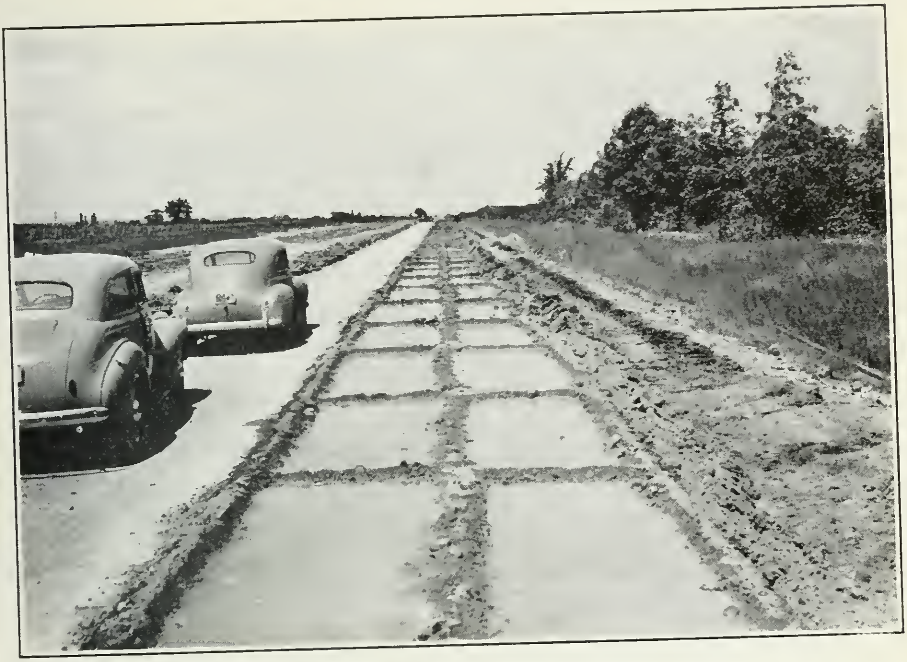
The approaches to the overpasses at Kipling Avenue, Church Street and Grand Avenue were paved with mixed macadam; at Salisbury Avenue underpass, the approaches were paved with 20-foot concrete and the remainder of Salisbury Avenue from Queen Street to the Lakeshore Road paved with mixed macadam.

A cloverleaf at Brown's Line (Highway No. 27) was graded and paved. This structure was of rigid frame design.

The overpasses at Kipling Avenue and Grand Avenue, the twin underpass at Salisbury Avenue, the dual bridges of structural steel and concrete over the Canadian National Railway, the Lakeshore overpass, also of structural steel and concrete, and the retaining wall at the Lakeshore Road, were all completed.



Concrete spreader in operation.



Concrete pavement construction—ponding operations.

Considerable landscaping and park work was carried out on this stretch of highway. Parks at Brown's Line and Salisbury Avenue were planted and seeded and over half a million square yards were either seeded or sodded between Brown's Line and the Humber.

A very impressive cut stone Pylon was erected at the easterly end of the Canadian National Railway bridges, marking the beginning of the Queen Elizabeth Way.

Lighting was installed on the Brown's Line-Humber River section with special steel standards between Mimico Creek and the Humber.

From Brown's Line westerly to Oakville Bridge, the outside shoulder of each lane for a width of two feet was surface penetrated.

New Kingston Road

Some construction was carried out on the dual highway between Highland Creek and Oshawa.

At the Rouge River, on twin bridges of concrete substructure and structural steel superstructure design, considerable work was done on the substructures.

At Duffin's Creek, twin bridges of reinforced concrete with a 650-foot span were started. Some work was also done on the approaches and on a small bridge over a diversion of the creek. Work at Lynde Creek bridge of rigid frame design and a stream diversion was also started.

Grading was started at Oshawa and Simcoe Street overpass and semi-cloverleaf and Oshawa Creek bridge were under construction.

Highway No. 2

Twelve miles of surface treatment were applied west from Whitby.

Highway No. 10

An asphaltic cold mix was applied through the Village of Cooksville.

Highway No. 11

About 5 miles of asphaltic surface was applied on this highway, including a mile through the Village of Bradford. An 8 x 6 concrete culvert was replaced south of Washago.

Highway No. 27

The cloverleaf at the Queen Elizabeth Way was completed, the legs paved with concrete 20 feet wide and the approaches to the overpass were paved with mixed macadam. The road was surface treated from Highway No. 5 to Richview.

Highway No. 47

A diversion at the west limits of the Village of Uxbridge was graded and gravelled for 1.4 miles and five concrete culverts built.

Highway No. 90

A one-inch asphaltic concrete surface was laid from Barrie to Camp Borden, a distance of 11.2 miles.

Highway No. 92

Easterly from Wasaga Beach about two miles of gravel mulch was laid.

Five scale houses were built in this division — two on the Queen Elizabeth Way, two on the Kingston Road west of West Hill and one on No. 2 Highway, Lakeshore, at the Dixie sideroad. These were a new design with the approaches paved with mixed macadam and the adjacent area sodded and landscaped.

All the roads in the division were kept open and sanded for winter traffic.

Nipigon—Geraldton Highway opened to traffic during year.

Another view of Nipigon—Geraldton Highway.

DIVISION NO. 7 — PORT HOPE

Highway No. 2

West of Belleville 1.3 miles of concrete pavement were resurfaced with 1½-inch asphaltic cold mix.

Highway No. 7

The gravel section from end of concrete east of Peterborough to Ontario Rock Quarry siding was primed with M. C. 1 asphalt. The mulch pavement east and west of Marmora was patched.

Highway No. 14

A gravel mulch surface was laid between Foxboro and Stirling, a distance of 7 miles. Sidewalks were rebuilt in Springbrook.

Highway No. 28

A gravel mulch surface was laid in the Village of Lakefield. The gravel section between Lakefield and Apsley was primed with M. C. 1 asphalt.

Highway No. 33

The two bridges at Frankford were painted.

Highway No. 35

The gravel surface between Fenelon Falls and Haliburton County Line had primer applied. Storm sewers were reconstructed at Coboconk.

Highway No. 46

The gravel surface was primed from Kirkfield overhead bridge to Coboconk.

Secondary Roads

Grading operations were carried out on the Loon Lake-Chandos Road and several narrow places on other roads widened.

Twenty-three and one-half miles of highway were surface treated. All King's Highways and important secondary roads were kept open for winter traffic.

Highway No. 11 in Temagami Forest Reserve.

DIVISION NO. 8 — KINGSTON

St. Lawrence River Road (Dual)

Grading was recommenced on this project in August and continued through the winter. At the end of March the rock work was almost completed. Steel was placed at Jones Creek Bridge and the north span opened for traffic. At Landon's Bay the substructure of the bridge was built and the steel placed and the bridge opened for traffic. A feature of the construction of this bridge was the manner in which the superstructure was erected, the steel for both spans was erected on the grade at the west side and bolted together. A barge was moored in the opening and a temporary trestle built on it, and 12-inch I-beams laid from shore to the trestle, the superstructures were then moved on rollers over the opening and jacked down to the bridge seats, after which the rivetting was completed. The moving of the steel was done in three hours for each span.

Highway No. 2

A concrete walk, four feet wide and 8700 feet long was laid on the south side from the Rideau River easterly to Vimy Barracks. About four miles of cold mix resurfacing was done east of Brockville and considerable surface treatment was done.

Highway No. 7

Some filling was done on five sink holes near Arden.

Highway No. 33

Some surface treatment was done at the west end. Repairs were made to the ferry docks at Glenora, the ferries carried about 60,000 cars and trucks during the summer.

A new garage and paint shop were built at Kingston by Department forces for the use of the divisional motor vehicles and equipment.

About 55 miles of road were surface treated and all roads in the division kept open for winter traffic.

DIVISION NO. 9 — OTTAWA

Highway No. 17

Fencing operations were carried out on the Longueuil diversions, and tree planting between Arnprior and Renfrew.

Highway No. 31

North and south of Vernon a considerable amount of tile drains were installed.

Highway No. 43

A good deal of work was done on this highway consisting of scarifying and spreading out the old macadam base, adding gravel and then mulching.

Secondary Roads

Three miles of grading was done between Calabogie and Black Donald Mine by the Hydro-Electric Power Commission, in connection with the construction of a dam on the Madawaska River above Calabogie.

Forty-three miles of highway were surface treated. All roads in the division were kept open for winter traffic.

DIVISION NO. 10 — BANCROFT

Highway No. 28

Five miles of this highway were widened and dangerous curves eliminated by Department forces.

The Great North Road—No. 11 Highway in the Temagami Forest Reserve.

Highway No. 41

Narrow sections of this highway north of Village of Cloyne were widened and graded to a "C" class standard and McIvoy Lake sink hole was filled to a permanent settlement.

Work was commenced on a concrete bridge over the Madawaska River at Griffith.

A secondary road leading from Dacre towards Shamrock was widened and improved for a distance of 5 miles.

The Village of Northbrook was mulched for a mile and 2½ miles of double surface treatment was used on a sharp gradient north from Kaladar.

Highway No. 60

Three and one-half miles of mulch pavement was laid west of the Village of Golden Lake which completes a ten-mile stretch along Golden Lake of low cost bituminous surface.

One and one-half miles of grading between Madawaska and Whitney was completed and a new concrete structure over L'Amable Creek. Grading was commenced on a new location of two miles through the Village of Whitney.

The location and preliminary engineering was completed for the proposed Bark Lake diversion between Madawaska and Barry's Bay; this will be required, due to the Hydro development on Bark Lake.

Six roadside parks were established at scenic points throughout the division.

During the winter all main highways were kept open.

Division No. 11 — Huntsville

Highway No. 11

Gravel mulch was laid on the Falkenburg Revision, 1.1 miles, and also on the Utterson Revision, 4.4 miles.

Between Seven Bridge and Novar the road was surface treated with trap rock chips.

A 6′ x 5′ x 40′ concrete culvert was constructed at Wynchwood turn.

The intersection was readjusted at junction of Highways No. 11 and No. 60 and a Department scale installed.

Highway No. 35

Gravel mulch was laid for 1.5 miles south from the intersection of No. 35 and No. 60 Highways.

A gravel mulch surface was also laid from the Victoria County boundary north for a distance of 9.5 miles.

A new steel and concrete bridge was erected over the Black River and the approaches graded.

Highway No. 60

One-half mile of gravel mulch surface was laid east from the intersection of No. 35 and No. 60 Highways, gravelling was carried on between Source Lake and Whitney.

Lookout Point—Highway No. 17 at Dieux Riviers.

Marten River Bridge—No. 11 Highway, north of North Bay.

Highway construction camp—east of Geraldton.

Winter Tote Road—Geraldton to Hearst Highway.

Highway No. 69

Gravelling operations were carried on between Bala and Parry Sound boundary, Bracebridge-Glen Orchard Road.

Bracebridge to Milford Bay was surface treated. From Milford Bay westerly, three miles were regraded and gravelled and a revision constructed.

Gravelling operations were carried out on the Falkenburg-Rosseau Road, the Utterson-Windermere Road, the Huntsville-Baysville Road, the Port Severn-Honey Harbour Road and from Minden to Haliburton.

All King's Highways and important secondary roads were kept open for winter traffic.

Division No. 12 — Parry Sound

Highway No. 11

About 27 miles of resurfacing was done between Novar and Burks Falls and between Powassan and Callander and the entire distance surface treated. Gravel mulch was laid between South River and Trout Creek, 5.7 miles.

Highway No. 69

Considerable fine grading and gravelling was carried out.

Secondary Roads

A 90-foot steel and concrete bridge over South River, together with grading of approaches was completed.

In unorganized townships, one 70-foot steel span on creosoted timber piles was erected, a number of timber bridges were rebuilt or replaced.

During the winter, 125 miles of King's Highways, together with 235 miles of secondary roads, were kept open for winter traffic.

Division No. 13 — North Bay

Highway No. 11

The grading between mileage 27.6 and mileage 39.1 north of North Bay was completed. This completed the grading of this highway through the District of Nipissing. The bridge over Marten Lake was completed. This is a steel and concrete structure having a 100-foot clear span with two approach spans 28 and 25 feet. Considerable crushed gravel was placed.

Highway No. 17

Gravel mulch was laid from North Bay limits westerly for two and one-half miles.

Two narrow structures were replaced over Little Cache Creek and Big Cache Creek.

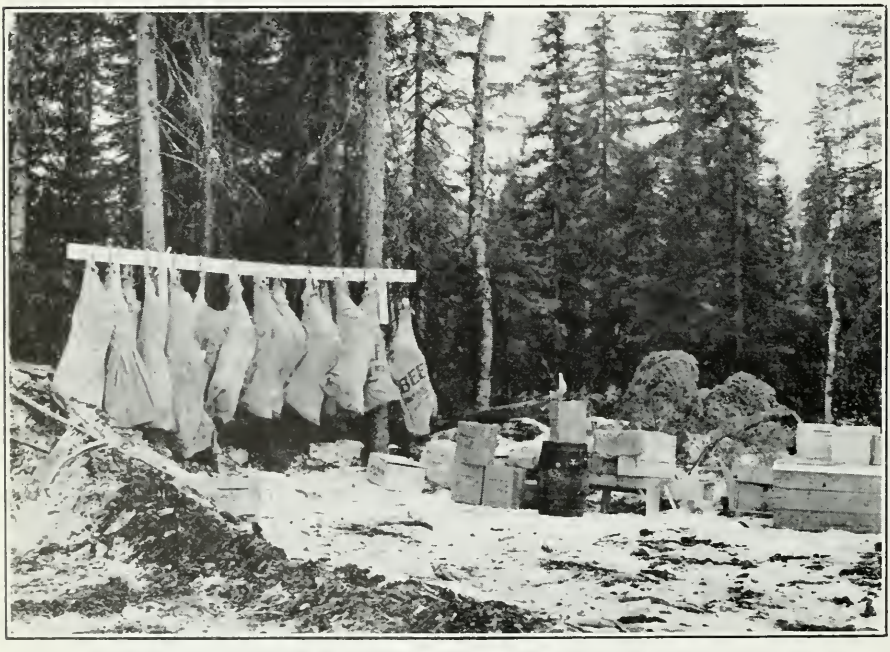
Crushed gravel was placed between Bissetts and Point Alexander, between Mattawa and North Bay, between North Bay and Laronde Creek and between Sturgeon Falls and Hagar.

From Pembroke westerly for 6 miles the road was surface treated.

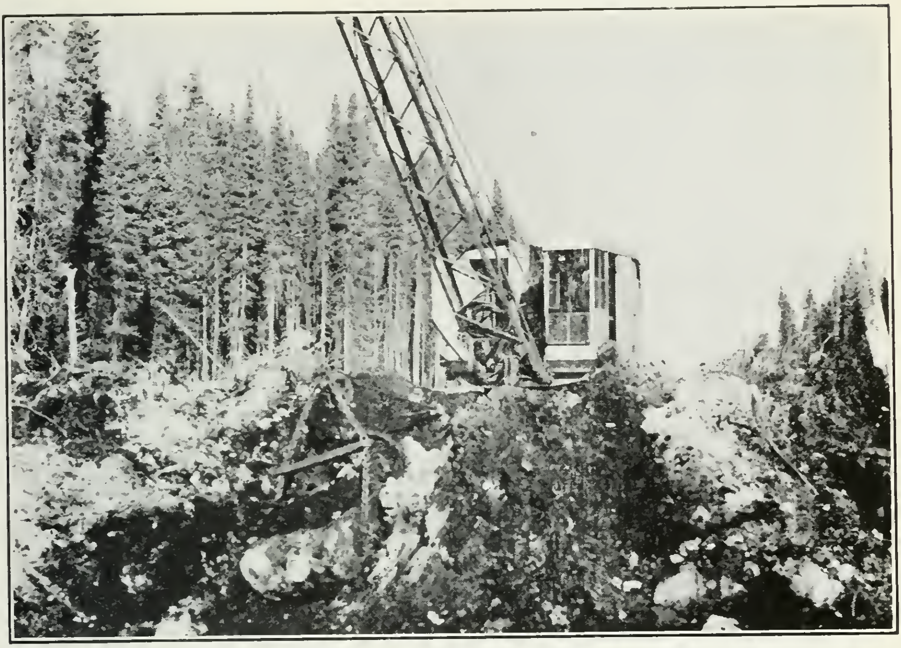
Highway No. 64

The trimming of the Sturgeon Falls-Field Diversion, a distance of one and three-quarter miles, eliminating two railway crossings, was completed.

Transporting supplies over Tote Road—Geraldton to Hearst Highway.



Food cache construction camp on Geraldton to Hearst Highway.



Excavating muskeg—Geraldton to Hearst Highway.

Secondary Roads

On the Hagar-Rutter Road a timber bridge over the west arm was replaced with a complete new structure, during the winter. This bridge has a total length of four hundred feet with 26-15-foot bents. Considerable crushed gravel was placed on this road.

On the Field-River Valley road the trimming of the McCartney Creek diversion, eliminating two railway crossings, was completed.

Three hundred and seventy-two miles of road were kept ploughed for winter traffic in this division.

DIVISION NO. 14 — NEW LISKEARD

Early in the year the divisional office at Matheson was closed, and what had been known as Division No. 15 was amalgamated, for the most part, with Division No. 14.

Highway No. 11

The grading in the Timagami area was completed and gravelled. This completed the new grading and alignment between North Bay and Latchford.

Between New Liskeard and Kenogami work was continued on the uncompleted sections. The grading consisted mainly of trimming previously roughly graded sections and culvert extensions under unstable fills. Considerable sodding was done in the clay sections. Paving consisted of placing hot mix surface on 22 miles of road, of this 7 miles were 5-inch base course with 1-inch asphaltic top, and the remainder was 3-inch base course only. This work was north from Englehart, between Kirkland Lake and Swastika and south from Swastika Wye.

Grading—Highway No. 17 near Coniston.

Rock-cut near Sudbury—Highway No. 17.

Secondary Roads

A steel and concrete bridge was built on the Uno Park road and several smaller native timber bridges were built by Department forces in unorganized territory.

A start was made on the erection of a new office building at Winston.

During the winter months all King's Highways were kept open as well as some of the more important secondary roads, in all 536 miles. Of this mileage, 405 miles were kept open entirely by the Department, and 131 miles partially by the Department as assistance to interested residents and mining interests.

DIVISION NO. 16 — COCHRANE

Highway No. 11

Bridges at Gregoire Mills and Solomon Creek were completed and the approaches graded.

Crushed gravel was applied between Cochrane and Hearst and also between Cochrane and Iroquois Falls.

Twenty-two wooden bridges were built to replace old bridges on Secondary and Township roads. One new bridge was built in Hanlan Township and three bridges replaced on Highway No. 11. Extensive repairs were carried out on Missinaiba River Bridge and Buskegau River Bridge.

The road from Porquis Junction to Iroquois Falls was kept open during the winter.

Grade separation structure—Highway No. 17 near Hagar.

Earth cut—Highway No. 17 at Mica Bay, Lake Superior.

DIVISION NO. 17 — SUDBURY

Highway No. 17

An additional four miles of concrete pavement were laid east from Coniston, completing the pavement between Sudbury and Coniston.

The construction of the new grade, built to class A standard, was completed to Hagar. The concrete structure carrying the highway over the C. P. R. tracks east of Markstay was completed and traffic routed over the new road in the fall.

West of Copper Cliff the balance of the old retread was reconditioned.

Sudbury-Falconbridge Road

Some widening of cuts and fills was carried out and the drainage was improved and a 2½-inch gravel mulch laid.

Three important park sites were obtained, east, west and north of Sudbury and a good deal of work done on each to make them attractive for use of the touring public during the summer months. They were used extensively.

All main roads were kept open for winter traffic.

DIVISION NO. 18 — BLIND RIVER

Highway No. 17

Concrete pavement totalling one and one-half miles was laid at Root River, Garden River and Echo Bay. This completed the concrete pavement for a distance of 25 miles east from Sault Ste. Marie.

A 245-foot steel bridge was erected at Garden River and work was commenced on a 300-foot steel bridge at Batchawana River north of Sault Ste. Marie.

Gravel surfacing was carried out in the vicinity of McKerron, Bruce Mines, Massey, Chippewa River, Mamainse and Montreal River.

Highway No. 68

Grading was 70 per cent. completed, on a revision 1.3 miles in length between Espanola and the junction with Highway No. 17. A rock cut was widened 2 miles south of Espanola. Swift Current to Little Current was gravelled.

Secondary Roads

Several wooden bridges were rebuilt and others repaired on the Mississaugi and White River Roads. Improvements were made to the road surface and drainage.

All King's Highways, main roads on Manitoulin Island, and several secondary roads in Sault Ste. Marie area were kept open during the winter.

DIVISION NO. 19 — FORT WILLIAM

Nipigon-Geraldton Highway

The Nipigon, Beardmore and Geraldton Highway was completed and on September 7th this section of highway was opened for traffic by the Honourable C. D. Howe and the Honourable T. B. McQuesten. This gave the residents of the Geraldton mining area access to Highway No. 17.

Highway No. 17

Gravel mulch was laid by Department forces from the Nipigon River Bridge westerly for 8 miles to the junction of the road to the Lake Sulphite property. Considerable gravel was crushed west of Fort William.

Concrete pavement—No. 17 Highway near Blind River.

Snow-plowing operations in Northern Ontario.

Spring flood conditions—Highway No. 2 near Pickering.

Bituminous gravel surface—No. 28 Highway, south of Apsley.

A bridge over Black River, 7 miles east of Schreiber, was completed. This makes it possible for motorists to use this highway to 8 miles east of Schreiber.

Highway No. 61

Two approach spans to the bridge over the Pine River were constructed.

Secondary Roads

Considerable work was done on the different secondary roads in improving and cutting down grades and doing away with sharp corners. A number of new bridges and large culverts were constructed and some widening carried out.

Surveys

During the past year a survey party was kept in the field, completing the line between Long Lac and Hearst, and in January, 1941, contracts were awarded for grading all of the 153 miles between Long Lac and Hearst except 11 miles at Seagram Industrial Farm where work is being carried out by prison labor.

All King's Highways in this division were kept open during the winter, also a large percentage of the secondary roads.

Division No. 20 — Kenora

Highway No. 17

One and three-quarter miles of mixed macadam were laid on the connecting links in the towns of Kenora and Keewatin.

About a mile of line and grade revision twenty miles east of Kenora was carried out.

Considerable work was done on the Wabigoon River Bridge and a large reinforced culvert was built at Deception Creek.

A large amount of gravel was spread or stock-piled.

Highway No. 70

Two sink holes were brought up to grade at mileage twenty-four and mileage seventy-five south of Kenora. Considerable gravel was crushed and spread or stock-piled as required.

Highway No. 72

Gravelling operations were carried on extensively.

Secondary Roads

In addition to gravelling operations, work was commenced on the reconstruction of four bridges.

Mining Roads

Grading and gravelling was done on the Gold Pine-Uchi Road in conjunction with the Federal Government and the mining company.

Some gravelling was done on the Gold Rock Portage road.

Township Roads

Four timber bridges were reconstructed on township roads.

All King's Highways, secondary roads and the more important township roads were kept open as much as possible in order of their importance.

Division No. 21 — Fort Frances

Highway No. 70

Grading was carried on south of Nestor Falls and was completed to a point 20 miles south of there. Considerable fill material was placed on a short section of muskeg north of Emo. A large concrete culvert was constructed eight miles north of Emo.

Highway No. 70A

Fill material was placed across one muskeg and considerable gravelling done.

Highway No. 71

Five miles of gravel mulch were completed east from Rainy River.

Secondary Roads

Five old timber bridges were replaced with new timber bridges and two replaced with concrete culverts.

All King's Highways and important secondary roads were kept open for winter traffic.

REPORT OF BRIDGE CONSTRUCTION COMPLETED BY THE HIGHWAYS DEPARTMENT DURING 1940

Arthur Sedgwick, Chief Bridge Engineer

During the year 1940 a total of 5,051 lineal feet of bridge work was completed by the Department. The larger and more important structures are briefly described hereafter:

C. N. R. and Lake Shore Overheads

These important structures stand on the Queen Elizabeth Way at the western entrance to the City of Toronto. They are each of the divided traffic type providing for six traffic lanes. The sharp angle or skew, which the highway makes with the railway and Lake Shore Road, required comparatively long spans and a series of approach spans to complete each crossing. By using "continuous span" construction it became possible to use shallow "deck girder spans" instead of "through" trusses to span the required opening and in this way an attractive general scheme was contrived with an unobstructed view from the bridge.

The C. N. R. Overhead consists of a 121′ 6″ plate girder spanning the four railway tracks. This span was built "continuous" with two 75-foot spans and supported on fabricated steel piers. Then, to avoid long high abutments and wing walls, a series of rolled girder spans supported on reinforced concrete piers were built, making a structure 751 feet long in all.

The Lake Shore Road Overhead consists of a 92-foot rolled steel girder span built "continuous" with three 66-foot rolled steel girder spans and supported on steel girder columns built into the same. Two 44-foot and two 35-foot reinforced girder spans completed the structure with a total length of 448 feet. In addition a long retaining wall was built between the Queen Elizabeth Way and the Lake Shore Road. The foundations for both structures were built on short steel piles driven down to the underlying shale. The total cost of the two structures with the necessary grading of the approaches was approximately $600,000.00.

Fort Erie Overhead

This structure carries the Queen Elizabeth Way over the C. N. R. near Fort Erie. It consists of short reinforced concrete spans with a total length of 110 feet. Only the east bound traffic lane was completed during 1940.

Hydro Canal Bridges

These two structures form a traffic circle on the link between the Queen Elizabeth Way and the Rainbow Bridge at Niagara Falls. Each structure has a roadway 30 feet wide and one sidewalk. Each structure consists of a three-span "continuous" rolled steel girder, made up of a centre span of 80 feet and side spans of 62 feet each. Reinforced concrete piers rise from the rock surface to a height of approximately 50 feet. Shallow abutments on top of the earth slopes support the ends of the end spans. Only the west structure was fully completed in 1940.

Lundy's Lane Overhead

This is a duplicate of the Fort Erie Overhead. It is also on the Queen Elizabeth Way in the vicinity of Lundy's Lane or Highway No. 20.

Lundy's Lane Underpass

This is a double span reinforced concrete rigid frame structure carrying

Lundy's Lane or Highway No. 20 over the Queen Elizabeth Way. It has a 40-foot roadway and two 6-foot sidewalks.

Thorold Road Underpass

This structure is a duplicate of Lundy's Lane.

Salisbury Avenue Overpass

This structure carries the Queen Elizabeth Way over Salisbury Avenue in Etobicoke Township. It is a reinforced concrete structure with a clear span of 44 feet 9 inches.

Brown's Line Underpass

This is a "clover leaf" structure at the junction of "Brown's Line" or Highway No. 27 with the Queen Elizabeth Way. It is a reinforced concrete rigid frame structure with two spans of 47 feet 5 inches each.

Garden River Bridge

This is a steel structure on Highway No. 17 east of Sault Ste. Marie. The existing bridge crossed the river at right angles, leaving a dangerous "kink" in the road, which was paved on either side of this location. The new structure straightens the road and joins up the pavement. The new structure consists of two 80-foot steel deck spans resting on three concrete piers and two 40-foot "shore" spans of steel girders with the outer ends resting on shallow abutments well back on the banks.

Hagar Township Overhead

This is a long reinforced concrete structure carrying Highway No. 17 over the C. P. R. at a very sharp angle. This required 17 spans of 32 feet, making a total length of 544 feet. To span the railway at such a skew with such short spans required that a number of columns were offset from beneath the road deck to outside the railway track clearance line.

Marten Lake Bridge

This is a steel bridge on the new No. 11 Highway in the Timagami District. The bridge rests on concrete piers built on a rock fill which had not had time to fully settle. The bearings are built to permit the 100-foot truss to expand or contract but also allow the steel truss to prevent the piers from tipping forward should the rock continue to settle. Short beam spans complete the structure and rest on shallow abutments built on top of the rock fill.

Pine River Bridge

This is a steel and concrete structure supported on creosoted piles. It is situated on Highway No. 90 and provides access into Camp Borden.

Jones Creek and Landon's Bay Bridges

These two structures are on the new St. Lawrence four-lane highway west of Brockville. They each consist of twin steel trusses 100 feet long with 30-foot roadways and a sidewalk. The bridges rest on abutments built on rock-fill approaches. The rock fill in turn was built across inlets with muck bottoms many feet in depth. It was necessary, to ensure a solid foundation, that the rock fill entirely displace the muck and reach a firm foundation and to accomplish this the muck was dynamited as the filling was carried forward. Slight settlements are to be expected but provision is made for levelling the structures up should such settlements occur.

In addition to the above-mentioned structures a large number of timber bridges were constructed in the various divisions in Northern Ontario on secondary or local roads.

A complete schedule of all the bridges built and completed is appended hereto.

1940

REPORT UPON THE WORK OF THE MUNICIPAL BRANCH FOR THE YEAR 1940

J. A. P. Marshall, Chief Engineer of Municipal Roads

As in previous years the work carried out by the 37 counties and 563 townships under the Highway Improvement Act consisted chiefly of general maintenance with the object of providing safer travelling market roads leading from the various market centres connecting with the King's Highway System. Many counties continued the laying of a system of low cost roads and surfaces, etc., using the type of low cost construction best adapted to local needs and materials available. In this manner the counties of Kent, Norfolk, Stormont, Dundas and Glengarry, Huron, Oxford, Elgin, Leeds and Grenville, and Bruce were the leaders.

Considerable attention has been given to the necessity of preparing the base on which low cost pavements may be laid. This vital part of construction is being given closer attention and the results are well justified.

Maintenance work during 1940 consisted of systematic weed control and a determined effort is being made to eradicate the noxious weeds from the municipal roads of the province. During 1940 considerable additional mileage of road has been kept open for winter traffic.

County Roads

Since the passing of the Highway Improvement Act in 1901 and to the end of 1940 a total of $148,788,609.69 has been expended on construction and maintenance of county roads, of which the Province has contributed $70,633,125.30. This includes the county expenditure during 1940 on which the provincial subsidy was paid in 1941.

At the end of 1940 the Province was paying subsidies to the counties on 8,428 miles of county roads — approximately 15 per cent of the total road mileage in the area covered by the County Road System.

Expenditure on county roads in 1940 was as follows:

	Total Expenditure	Provincial Subsidy
Construction:		
County Roads	$ 1,959,222.91	$ 979,344.63
Maintenance:		
County Roads	$ 2,537,479.34	$ 1,268,632.43
Total Expenditure	$ 4,496,702.25	$ 2,247,977.06

Construction Work

The work on which the above expenditure for construction was made included the following:

Gravel or Stone	349.3	Miles
Low-Cost Bituminous Surfaces	171.3	"
Mixed Macadam and Asphaltic Concrete	24.4	"
Cement Concrete	2.3	"
Total	547.3	"
Bridges Over 10-Foot Span	35	
Pipe and Tile Culverts	1,129	
Other Culverts	211	

A detailed list of the important work undertaken by the various counties and townships is found further in this report grouped in districts.

Maintenance Work

Bituminous Surface Treatment	446 Miles
Dust-Prevention Treatment (Oil)	77 "
Dust-Prevention Treatment (Calcium)	1,473 "
Clay-Gravel Stabilization (Calcium)	185 "
Gravel and Crushed Stone Resurfacing:	
(a) Pitrun Gravel Applied	134,936 Cu. Yds.
(b) Crushed Gravel Applied	307,856 "
(c) Crushed Stone Applied	24,638 "
Snow Removal:	
(a) Mileage of Road Kept Open with Mechanical Equipment	6,605 Miles
(b) Snow Fence Erected	971 "

County Suburban Roads

The mileage of suburban roads is 786.1 miles. The expenditure at the end of 1940 amounted to $28,428,249.52 of which the cities and separated towns have contributed $7,456,968.30, or five per cent. of the total expenditure made on the County Road Systems.

In 1940 the expenditure on County Suburban Roads was $931,016.17 of which the Province contributed $465,508.08 and the cities $232,754.04.

EXPENDITURES ON SUBURBAN ROADS — 1940

Name of County	Mileage	Totals	Government Grant 50%
Brant	26.4	37,684.73	18,842.36
Carleton	90.0	108,435.98	54,217.89
Elgin	18.3	11,020.68	5,510.34
Essex	37.5	13,610.15	6,805.08
Frontenac	29.2	25,287.46	12,643.73
Grey	32.5	24,873.33	12,436.66
Kent	9.5	2,633.88	1,316.94
Lambton	14.5	4,524.32	2,262.16
Lanark	6.0	4,456.93	2,228.47
Leeds and Grenville:			
Smith's Falls	5.1	3,720.55	1,860.28
Brockville	6.2	1,581.46	790.73
Lincoln	12.3	5,284.41	2,642.20
Middlesex	54.1	23,041.55	11,520.78
Ontario	16.2	9,865.95	4,932.97
Oxford	3.9	11,066.32	5,533.16
Perth	7.5	6,061.42	3,030.71
Peterboro	58.3	33,927.33	16,963.66
Waterloo:			
Kitchener	11.0	14,578.49	7,289.24
Galt	10.0	12,234.26	6,117.13
Welland:			
Niagara Falls	9.9	4,538.97	2,269.49
Welland	7.0	3,753.84	1,876.92
Wellington	23.5	8,540.84	4,270.42
Wentworth	56.0	71,174.68	35,587.34
York	241.2	489,118.84	244,559 42
TOTALS	786.1	$931,016.17	$465,508.08

DISTRICT NO. 1— *Counties of Essex, Kent and Lambton.*

Essex—5.0 miles of road were widened and the grade revised as stage work for an improved type of surface. Twenty C. I. P. culverts were installed. Three culverts (concrete) were extended to meet the county standards and one new concrete culvert was built on Road No. 20 opposite Lot 29, Concession 1, Rochester. (Culvert was 6 ft. x 6 ft. x 44 ft.)

On Windsor Suburban Area Road No. 4A, a 28-foot span rigid-frame concrete bridge was built in Malden Township. Six miles of new and improved grade was surfaced with approximately 1800 cu. yds. of pitrun gravel.

One mile on Suburban Area Road No. 10 between No. 2 Highway and C. P. R. tracks south of Belle River was stabilized with a 6-in. consolidated material, using pitrun gravel, limestone dust, clay and calcium chloride. Using the same specifications, one mile was stabilized on Road No. 7 between Provincial Highway 98 and No. 3 east of Maidstone, one mile on Road No. 3 west of Kingsville between Nos. 18 and 18A, and 3 miles on County Road No. 8 south from No. 98 to M. C. R. tracks near Essex.

Kent—One 48-in. C. I. P. culvert was placed under Chatham Suburban Area Road No. 34 west of Chatham and 15 small C. I. P. culverts were installed at other locations in the county system. One concrete culvert was built on County Road No. 5 south of Tilbury and one steel and concrete bridge, two spans 32 ft. 6 in., each with 24 ft. 0 in. clear roadway, was built on County Road No. 14 over McGregor Creek in Con. 4, Harwich Twp.

17.0 miles new grade was surfaced with 5400 cu. yds. crushed gravel and 20.0 miles of 3-in. consolidated, plant mixed, mulch pavement was laid.

One mile of concrete pavement was laid on the county road at Jeannette's Creek and 1¼ miles were laid on County Road No. 29, south of Dresden.

Lambton—Sixteen C. I. P. culverts were installed in the county and Sarnia suburban area road systems, six concrete culverts were extended to meet county standards and one multiplate arch, 12 ft. span was installed east of Arkona on Road No. 6A.

One concrete bridge was extended and the wooden floor on 2 steel truss bridges was renewed.

2.5 miles of new grading was surfaced with 1240 cu. yds. of pitrun gravel and 3.0 miles of new grade was surfaced with 1200 tons of crushed stone; 7.2 miles of 3 in. consolidated road mixed mulch was laid during the year, being an extension of 1939 programme. Mulch pavements laid in 1939 were all resurfaced this year. Under agreement 1.1 miles of surface treatment was completed in urban municipalities.

DISTRICT NO. 2— *Counties of Elgin, Middlesex, Norfolk and Oxford.*

Elgin—10.75 miles of road mix mulch were put down in the county. One new single tandem motor grader was purchased to carry out this work.

Maintenance and resurfacing was carried out over the whole system.

Middlesex—Five miles of plant mix retread were put down in the county. This is the first of its kind in Middlesex County. Some resurfacing and maintaining was insufficient to keep the gravel roads in satisfactory condition.

Oxford—10.2 miles of road mix mulch pavement were put down during the season and 3.8 miles surface treated; 12.6 miles road were graded to modern highway standards; 70.6 miles were treated with dustlayer; 7,900 cu. yds. crushed gravel and 4,025 cu. yds. crushed stone were used in resurfacing.

Norfolk—One mile of mulch and 8.4 miles of double surface treatment were put down during the season; 30.8 miles of pavement were surface treated; 20.5 miles were resurfaced with crushed gravel and stone. Two 3-ton trucks were purchased for patrol foremen.

DISTRICT NO. 3— *Counties of Huron, Perth, Waterloo and Wellington.*

Huron—This county graded 5 miles of road and laid 7 miles of low cost bituminous surface; built 1 concrete and 1 metal arch culvert; 8,641 cu. yds. of gravel were used in construction and 29,684 cu. yds. in maintenance and resurfacing; 384 miles of roads were sprayed for weed elimination; one No. 12 Diesel grader was purchased, also one Dodge truck and one Ford truck.

Roads were continually maintained with power graders.

Perth—Construction: 6.7 miles of low cost road were constructed; 3 pipe culverts, 2400 cu. yds. of gravel were used in construction.

Maintenance: Ten miles of road were surface-treated with tar; 162 miles of road were kept clear of snow; 30,744 cu. yds. of gravel were applied; roads were maintained with power graders.

Waterloo—Construction: Two miles of road were graded; 65 pipe culverts were put in; 1.75 miles of low cost bituminous pavement were built; 7.0 miles of bituminous surface were put on gravel base.

Maintenance: One hundred and sixty-nine miles of road were kept clear of snow; 19.5 miles of road surface were treated; 23,822 cu. yds. of gravel were used.

Roads were continually kept up with the use of power graders.

One Diesel power maintainer was purchased.

Wellington—Construction: Fifteen miles of road were graded; 20 pipe culverts were put in and 4 concrete culverts and 1 concrete bridge were built; 0.5 miles of low cost bituminous pavement were put down.

Maintenance: 8.0 miles of road were surface-treated; 195 miles of road were treated with calcium chloride; 200 miles of road were kept clear of snow; 27,500 cu. yds. of gravel were used.

Roads were continually maintained with power graders.

DISTRICT NO. 4—*Counties of Brant, Haldimand, Lincoln, Welland and Wentworth.*

Brant—The main construction in the County of Brant consisted of the construction of the Locks Bridge over the canal by the Brant Suburban Area Commission. They also constructed 1 mile of heavy grade and surfaced the same with gravel. Five miles of bituminous mulch was laid in the county system and approximately 2000 feet of underdrainage was laid.

The main items of maintenance consisted of the spraying with weed killer of 32 miles of county road. The county was so satisfied with the result that they have now purchased a weed spraying outfit for themselves. Thirteen miles of road were treated with dust layer and all roads were kept open during the winter months with mechanical equipment.

Haldimand—Three concrete culverts and 1 concrete bridge were constructed; 2½ miles of road was graded and 2½ acres of land was purchased for road widening.

The main items of maintenance consisted of bituminous surface treatment of 67 miles and application of dust layer on 43 miles, and the construction of stabilized roads for 10½ miles.

All the roads in the county were sprayed with weed killer and were all maintained with mechanical equipment during the winter months.

The county purchased a No. 99 power grader with snow plow and wing, and one 3-ton truck.

Lincoln—Five concrete culverts and 1 concrete bridge were constructed in the county and 1½ miles of waterbound macadam was laid, which was treated with a bituminous surface.

The maintenance consisted of a surface treatment of 36 miles of road and the application of dust layer to six miles of road.

Thirty-three miles of road were sprayed with weed killer and the entire system was maintained during the winter months with mechanical equipment.

Two trucks were purchased and a gasoline ¾-yard shovel with clam shell boom and drag line bucket attached.

Welland—Two wooden culverts, one concrete culvert and two concrete bridges were constructed. One mile of bituminous macadam was constructed on the Thorold road.

The main items of maintenance consisted of the surface treatment of 12 miles of road and the stabilization of 2 miles.

A small amount of weed spraying was done and the entire system of county roads was maintained for traffic during the winter months with mechanical equipment.

Wentworth—Two concrete culverts were constructed. Two thousand feet of guide rail was erected and 7500 lineal feet of underdrainage laid; 4½ miles of low cost bituminous retread was constructed and 1½ miles of road was graded and stoned.

The main items of maintenance consisted of 29 miles of surface treatment and the entire system of roads was maintained for winter traffic with mechaical equipment; 5½ acres of land was purchased for quarry purposes.

The machinery purchased consisted of the following: 1 3- to 5-ton roller; 1 5-yd. earth mover with 40–55 H.P. crawler tractor attached; 1 Barber wing loader; 1 Champion road sweeper.

DISTRICT NO. 5— *Counties of Bruce, Dufferin and Grey.*

Bruce—The chief items of improvement carried out during the past season were as follows:

Approximately 3.5 miles of road mix retread was put down from Tara northward to King's Highway No. 21 and 6.0 miles of the same type of construction between Dunblane and Southampton, thus completing a hard surface between Walkerton and Southampton. Extensive grading operations were completed between Hepworth and Sauble Beach in Amabel Township and between Ripley and King's Highway No. 9 in preparation for a hard surface in the near future.

New equipment acquired during the year consisted of one grader No. 66, one reduction crusher to be operated in conjunction with one of the county crushing units, and one hydraulically operated trail builder and bulldozer to be interchangeable with the snow plow on their heavy duty crawler tractor. Some minor equipment and tools were also purchased for the county machine shop.

Maintenance consisted of the treatment of approximately 135 miles of gravel road with calcium chloride as a dustlayer and general gravel maintenance. A considerable mileage of the roadsides was treated with chemical weed killer, using county equipment.

Dufferin—The construction program in this county for the past season was limited, consisting of several stretches of grading and widening ranging from a few hundred feet to slightly over one mile.

Two small reinforced concrete bridges were also constructed and a number of pipe culverts installed.

The remainder of the work consisted of general gravel maintenance. The use of dustlayer was confined to short distances opposite farm entrances and special locations such as schools, churches, etc. No chemical weed killer was used this season.

Before completion of their gravelling and crushing contract, the contractor's equipment was requisitioned for airport work and it is unlikely that this will be completed.

Grey—This county had a construction program above the average for the past few years. Approximately 4.0 miles of road-mix retread was laid down during the season as follows: 2.0 miles north of Hanover, 1.0 miles east of Markdale and 1.0 miles south of Meaford. Approximately 5.0 miles of construction grading was completed in anticipation of continuing the laying of hard surface in 1941.

Two bridges were replaced during the season: One was on Road No. 6, Sullivan Township, of reinforced concrete beam construction, and one on the Hanover connecting link consisting of rolled steel beams with concrete floor and sidewalk. This was over the tail-race of the local hydro-electric plant, and built under agreement with the Town of Hanover. Extensions were added to several concrete culverts and two creosoted timber culverts were installed.

No new machinery was purchased during the season but it is anticipated that one or possibly two of their six power maintainers will be replaced in 1941 and it may be necessary to replace the crushing plant or go entirely into contract crushing.

Maintenance consisted of the treatment of approximately 110 miles of gravel road with chemical dustlayer and general maintenance over the system. Considerable clearing of scrub and brush was done on the more recently acquired county roads and, where practical, several miles of road were widened considerably with the power graders.

Grey-Owen Sound Suburban Area—Approximately 3.5 miles of plant-mix retread was laid down westerly and southerly from Owen Sound on the Kilsyth Road. This was the only construction job in the area this season with the exception of a short gap on the Shallow Lake Road through what is known as the Long Swamp. Efficient maintenance by way of dust prevention with chemical dustlayer and general gravel maintenance was carried out.

DISTRICT NO. 6— *Counties of Halton, Ontario, Peel, Simcoe and York.*

Halton—Construction: Paving of county road connecting links in the Town of Georgetown was completed by the construction of 1.04 miles of Stancol and retread pavement. This work was undertaken under an agreement with the Town of Georgetown. Stancol shoulders 4 ft. in width were constructed on each side of 1¼ miles of 10 ft. concrete pavement on Road No. 3 in Concession 2, North Dundas Street, Trafalgar Township, and the concrete pavement in the Village of Bronte was widened with similar material for a distance of 900 lineal feet. A total of 3¼ miles of road was graded to a standard width of 28 ft.

Maintenance: Maintenance work consisted of the application of approximately 14,000 cu. yds. of crushed gravel, 6½ miles of bituminous surface treatment, 10 miles of dust-laying treatment with calcium chloride, 60 miles of roadside weed spraying and routine dragging of the roads with power equipment. All roads were kept open for traffic during the winter months by means of snow plows and trucks. The county purchased one bituminous heating kettle for use in connection with patching of bituminous pavements.

Ontario—Construction: A total of 5.40 miles of bituminous retread was constructed; one mile on Oshawa Suburban Road No. 3 from Oshawa Suburban Road No. 2 westerly; 0.5 miles on County Road No. 5 from Myrtle easterly; 0.6 miles on County Road No. 2 in Concession 9E, Whitby Township. One mile on Road No. 2, Concession 3, Reach Township; 0.5 miles on County Road No. 7 in Scugog Township from King's Highway No. 7A northerly; 1 mile on County Road No. 12 from York County boundary, easterly; 0.8 miles on County Road No. 15, from Lots 6 to 8, Thorah Township. A total of 7.25 miles of road was graded to standard width and 5.82 miles surfaced with crushed gravel and stone.

Maintenance: Maintenance work consisted of the application of approximately 14,000 cu. yds. of crushed stone and gravel; 3½ miles of bituminous surface treatment; 45 miles of dust-laying treatment with calcium chloride; 83 miles of roadside weed spraying and routine dragging of the roads with power equipment. The county operates two crushing plants which produce practically all the crushed material used. All roads were kept open for traffic during the winter months with snow plows and trucks.

Peel—Construction: 0.7 miles of road was graded to standard width and surfaced with crushed gravel, one 12-foot span concrete bridge and 3 concrete box culverts were constructed.

Maintenance: Maintenance work consisted of the application of approximately 20,000 yds. of crushed gravel; 6 miles of bituminous surface treatment; 18 miles of dust prevention treatment with oil and 70 miles dust prevention treatment with calcium chloride, also routine dragging of the roads with power equipment. The roads were kept open during the winter months with snow plows and trucks.

Simcoe—Construction: A total of 7.2 miles of bituminous gravel mulch pavement was constructed; 3.7 miles on Road No. 7 from Stayner to Wasaga

Beach and 3.5 miles on Road No. 16 from Churchill to Belle Ewart. In all, 3 miles of road was graded to standard width and surfaced with crushed gravel as follows:

One mile on Road No. 11 in Concession 4, Oro Township; 0.8 miles on Road No. 11 in Concession 3, Orillia Township; 0.8 miles on Road No. 19, Concession 7, Medonte Township; 0.3 miles on Road No. 23 in Concessions 1 and 2 of Medonte and Tay Townships, and 0.1 miles on Road No. 14, Concession XI, Nottawasaga Township.

The last-mentioned job involved approximately 400 cu. yds. rock excavation and was executed on a cost plus 10 per cent. basis. All other grading work was done with county-owned equipment at a very reasonable cost. One concrete slab culvert and 2 concrete bridges were constructed; one of these being a floating type of box construction which was constructed in a swamp east of Thornton on County Road No. 21.

Maintenance: Maintenance work consisted of 61 miles of dust-laying treatment with calcium chloride; 180 miles of weed spraying, the application of about 14,000 cu. yds. of gravel and stone and routine dragging the roads with power equipment; 265 miles of road were kept open for traffic during the winter months by means of snow plows.

York—Construction: The main construction projects carried out during the year were as follows: 3.75 miles of bituminous penetration macadam on Road No. 14 from Gormley to Vandorf; about 5 miles of grading, gravelling and structures on Road No. 14 from Vandorf to Newmarket; 3.75 miles of grading, gravelling and structures on Road No. 23 from Lot 27, East Gwillimbury Township to the townline between Georgina and North Gwillimbury.

The old steel bridge on Road No. 10, Eagle Street, Weston, which was in a somewhat dangerous condition, was removed and replaced by a very fine reinforced concrete bridge, consisting of two 60-foot beam spans on a centre pier and abutments. The structure provides for a 30-foot travelled roadway and two 6-foot sidewalks. This work also included the grading and paving of the approaches to the bridge for a distance of 600 ft. to the west and 200 ft. to the east.

Maintenance: Maintenance work consisted of the application of about 2700 yds. of gravel; 87 miles of bituminous surface treatment; 104 miles of dust prevention treatment with calcium chloride; 315 miles of roadside weed spraying; routine dragging of gravel roads with power equipment and bituminous crack filling and patching of concrete and bituminous pavements.

The county purchased a two-ton truck, cab-over-engine type, to be used for general pickup and delivery purposes.

As in former years, special attention was given to zone painting, guide rails and symbol signs, in an effort to ensure, as far as possible, the safety of the travelling public.

DISTRICT NO. 7 — *Counties of Northumberland and Durham, Peterborough, Prince Edward and Victoria.*

Northumberland and Durham—The modern construction unit purchased last year was again put to good use in heavy grading and hill-cutting operations, this covering a length of 5 miles which were surfaced with crushed gravel.

Half of the Norham Road, 1¼ miles, was repaired by laying a 5-inch bitumuls penetration over the old surface.

A double surface treatment was given 3 miles of the Wooler-Stockdale Road in Murray Township.

Seven miles of road were treated with calcium chloride; 90 culverts were installed.

Peterborough—In June, Mr. A. E. Chalmers, County Engineer, joined His Majesty's Forces and, two months later, arrived in England. The county work was planned before his departure and completed accordingly.

About 3.5 miles of asphalt mulch were constructed in all on suburban roads in the Townships of North Monaghan, Asphodel, Douro and Otonabee. Seven and one-half miles were graded and surfaced with gravel.

A steel and concrete bridge was constructed at Lang.

A new four-wheel-drive truck was purchased in the fall, and in November, Mr. Don Maciver was appointed to the position of Acting County Engineer.

Prince Edward—Construction consisted of grading and surfacing 7 miles of road with gravel and building 4 miles of low-cost bituminous type.

A new bridge, 30 feet in span, was constructed at Etonville and two concrete culverts were extended to meet improved width of grade.

Seven miles of road were surface treated with bituminous materials while oil and calcium dust layer was used over 42 miles.

Victoria—Continuing the policy of adding low-cost bituminous mileage to the system, three separate lengths of a mile each were built, north of Oakwood, east of Fenelon Falls and west of Bobcaygeon.

Nine and one-half miles of road were graded and surfaced with gravel.

The already extensive mileage of calcium stabilized roads (78) was retreated and another 12 miles were added to this type.

Maintenance of these roads was kept to a high standard.

District No. 8— *Counties of Hastings, Lennox and Addington, Frontenac, Leeds and Grenville.*

Hastings—A further one and one-half miles of the Madoc Road was widened, fenced, graded and paved 18 ft. wide, mulch type. The paving was by contract from the Fuller plant. The rest of the work was day-labour.

There were several sections of new grading, including five and one-half miles on the Minto Road, a short section on the Sulphite Road, rock excavation on the Queensboro Road, also the Malone Road and Road No. 7 east of Roslin. Road No. 5 had three-quarters of a mile graded and stabilized.

One metal arch culvert was installed and a new motor grader was purchased.

Maintenance: The bridge at Tweed was refloored. Sixty-five miles of county road received dust-layer treatment; this was roughly divided into three equal parts, using oil, asphalt, and calcium chloride. The county crusher was kept busy all season crushing gravel and stone for maintenance purposes and produced about 10,000 cu. yds. of material. Weeds were cut and the improved roads were kept in excellent shape with 3 motor graders.

One new carload of snow fence was purchased and the roads were kept open in winter by contract.

Frontenac—In the Kingston Suburban Area the Village of Portsmouth was added to the area and one half of the main street was paved. The continuation of the same road was diverted to allow the construction of the new Nylon plant and the rest of the road widened and graded to carry the traffic to the new Norman Rogers aerodrome.

On county roads the suburban plant was used to pave 3 miles of road. This pavement was divided to Roads Nos. 4, 5 and 7.

Considerable grading was done. The most important works were at Wolfe Lake, County Road No. 3N, and what is known as the Sand Hill Road No. 10.

A 16-foot span reinforced concrete culvert was constructed on Road No. 5W, and several corrugated iron pipe installed.

Maintenance: All roads were properly maintained and considerable calcium chloride was used. Loughborough Lake bridge was repainted and guide rails erected at each end of the bridge.

All roads were kept open for winter traffic with municipal owned trucks and ploughs.

Lennox and Addington—Owing to the cost of equalized assessment, road expenditure was kept at a minimum in 1940.

The only construction was a new alignment at Long's School on County Road No. 1. This location has been the scene of many minor accidents. Large checker-board signs were erected, reflector signs installed and the curves properly banked.

A new G. M. C. truck was purchased.

Maintenance: Twelve miles of paved road were surface treated by contract and day-labour. Gravel roads were maintained by power grader and resurfaced with crushed stone from stock piles or from natural gravel pits. About 65 miles were treated with calcium chloride.

A sink hole on County Road No. 2 was repaired and is now in good condition. All roads were kept open for motor traffic during the winter by contract.

Leeds and Grenville—This county has a regular program of low-cost road improvement and this year paved a little over 16 miles. Approximately 8½ miles of gravel mulch and 8 miles of plant-mix retread pavement were laid. There was also one-half mile of concrete pavement on the county road in the Village of Cardinal.

Maintenance: Two motor graders kept the improved roads in excellent shape. Winter roads are kept open by a system of bonusing snow clubs throughout the county.

DISTRICT No. 9— *United Counties of Prescott and Russell, Stormont, Dundas and Glengarry.*

Prescott and Russell—Construction: Five pipe culverts were installed and a concrete rigid frame bridge, 24-foot span, 22 ft. clear roadway was constructed in the Police Village of Embrun on County Road No. 3. One mile of road was graded and widened to 66 ft; 3.75 acres of land were purchased for the increases in width of roads.

Maintenance: Maintenance work consisted in giving 8 miles of road a bituminous surface treatment. Snow clearing was carried out on 50 miles of road and 5 miles of snow fence was erected.

Stormont, Dundas and Glengarry—The chief items of construction in these counties were the grading of 14 miles of road in various parts of the district, and the surfacing of 11.75 miles of road with bituminous retread pavement. Eighteen acres of land were purchased and used in widening several stretches of road from 40 feet to 66 feet and lengthening sharp curves.

Maintenance work in these counties was quite extensive. Twenty-five miles of road were given a bituminous surface treatment, 20 miles of road were treated with calcium chloride for dust-prevention, and 23,000 cu. yds. of gravel were used in resurfacing gravel roads. The high efficiency reached in keeping open to traffic 450 miles of snow roads throughout the entire season was due to good organization and modern equipment. The county authorities were responsible for this work which previously had been done by snow-plough clubs. Twenty-five miles of snow fence was erected.

DISTRICT NO. 10— *Counties of Carleton, Lanark and Renfrew.*

Carleton—The bulk of construction was as usual done by the Ottawa Suburban Roads Commission, which continued its program of widening old grades and pavements to bring them up to modern standards.

The county extended their light type black-tops but this year went in more for mulch.

Maintenance generally was good, especially in the suburban roads.

Lanark—The Smiths Falls-Lanark County Suburban Road Commission resumed operations this year and took over 6 miles of the Smiths Falls-Merrickville road. A start was made in bringing this road up to standard.

Mr. Walker, County Engineer, joined the Active Service Forces during the summer and Mr. H. C. Bates, C.E., was appointed to carry on during Mr. Walker's absence. The road surfacing program was continued this year but more attention and money will have to be apportioned to maintenance if the county's road investment is to be preserved. With the money available, a reasonable standard of road should be kept.

Renfrew—The annual construction program of work in 3 townships was adhered to and some 6 miles of road brought to standard. One bridge was rebuilt.

The protection to road surfaces provided by dust-laying or stabilizing agents was extended and now 56 miles of gravel road are treated with calcium chloride. Other maintenance was to the customary high standards of the county.

Township Roads

For the year 1940 the government subsidized road expenditures in 563 townships, 2 provincial parks and 18 Indian Reserves.

Expenditure on these roads in 1940 was as follows:

Construction:		
Roads	$ 715,520.47	
Bridges	169,643.18	
Miscellaneous	120,958.37	
Total Construction		$ 1,006,122.02
Maintenance:		
Roads	$ 3,419,363.43	
Bridges	46,010.01	
Miscellaneous	33,800.17	
Total Maintenance		$ 3,499,173.61
Total Approved Expenditure		$ 4,505,295.63
Provincial Subsidy		$ 2,411,064.90

Construction Work

The work on which the above expenditure for construction was made included the following:

Gravel or Stone	323.15	Miles
Low-Cost Bituminous Surfaces	20.72	"
Mixed Macadam and Asphaltic Concrete	0.95	"
Total	344.82	"

Maintenance Work

Bituminous Surface Treatment	62.06	Miles
Dust-Prevention Treatment (Oil)	227.74	"
Dust-Prevention Treatment (Calcium)	367.70	"
Clay-Gravel Stabilization (Calcium)	2.00	"
Gravel and Crushed Stone Resurfacing:		
(a) Pitrun Gravel Applied	765,951	Cu. Yds.
(b) Crushed Gravel Applied	713,201	"
(c) Crushed Stone Applied	69,660	"
Snow Removal:		
(a) Mileage of Road Kept Open with Mechanical Equipment	8,513.45	Miles
(b) Snow Fence Erected	462.10	"
Weed Spraying	1,258.63	"

A detailed list of the important work undertaken by the townships follows:

District No. 1— *Townships in the Counties of Essex, Kent and Lambton.*

Essex—Under construction: 12 C. I. P. culverts under 30 in. diameter were installed; one 36 in. x 32 ft. C. I. P. culvert was installed in Gosfield North Township; one reinforced concrete pipe culvert 40 ft. x 4 ft. was built in Rochester Township; one 20-foot span concrete bridge with 24 ft. clear roadway was built on concession road 2–3, opposite lot 11, and one 10 ft. x 30 ft. multiplate arch was placed on a St. Clair Lake road in Maidstone Township; one H15 Class, steel and concrete bridge, with 85-foot span and 18 ft. roadway was built in Anderson Township over River Canard in 5th concession 10–11 sideroad; 11.8 miles of new grade was surfaced with 1000 cu. yds. of gravel and 1,474 tons of commercial stone.

Kent—Construction consisted of installing 18 C. I. P. culverts under 30 in. diameter. Romney Township built a concrete culvert 10 ft. x 24 ft. in concession 1 on 6–7 sideroad. Raleigh Township built 2 steel and concrete bridges, one on Drake sideroad over Raleigh Plains Drain, with two spans, each 52 ft. 6 in., and one in 5th concession over the same drain—2 spans each 58 ft. Both bridges have 24 ft. clear roadway; 15.5 miles new grade was surfaced with 2,190 cu. yds. pit-run gravel and 1,961 tons of commercial stone.

Lambton—During the year 37 C. I. P. culverts under 30 in. were installed. In Sombra Township on 9–10 concession road a concrete culvert 6 ft. x 24 ft. was built opposite lot 17, and a concrete bridge 16 ft. x 24 ft. was built opposite lot 19 on the same road.

Plympton Township built a concrete culvert 6 ft. x 30 ft. on 2–3 concession road, lot 28.

Walpole Island replaced a 15-foot span wooden bridge over a dredge cut on one of their main roads.

Enniskillen Township built a steel and concrete bridge over Fox Creek on 18–19 sideroad, concession 7, with 30-foot span and 18 ft. roadway.

Twenty-four miles new grade was surfaced with 1,258 cu. yds. pit-run gravel and 4,529 tons of commercial stone, 570 ft. 3 in. road-mixed mulch was laid in the Police Village of Inwood, Brooke Township, and 1500 ft. 3 in. road-mixed mulch was laid in the Police Village of Florence, Township of Euphemia.

DISTRICT NO. 2— *Townships in the Counties of Elgin, Middlesex, Norfolk and Oxford.*

A total of 71,768 cu. yds. of pit-run gravel, 74,825 cu. yds. of crushed gravel and 7,268 tons of commercial crushed stone were applied to the township road systems. Three new motor graders, 3 trucks and 9 snow plows were purchased; 55.5 miles of snow fence was erected and 32.5 miles of dustlayer applied.

One hundred and eight metal pipe, 3 metal arch and 12 concrete culverts were installed. One concrete and 1 steel bridge was erected; 2.5 miles of paving were done and 14.5 miles of road was graded to modern highway standards.

A marked improvement was seen in township roads as the municipalities recognize the advantage of crushed gravel over pit-run material. A marked need of more motor graders can be seen.

DISTRICT NO. 3— *Townships in the Counties of Huron, Perth, Waterloo and Wellington.*

Huron—Construction: Forty pipe culverts, 3 metal arch culverts and 5 concrete culverts were constructed, also 1 steel bridge and 1 concrete bridge were built.

Maintenance: 63,804 cu. yds. of crushed gravel were put on the various roads; 194 miles of roadside were sprayed with chemical weed killer; 3 power maintainers were purchased.

Perth—Construction: 1.38 miles of road graded; 14 pipe culverts were put in, 1 metal arch culvert, 1 steel bridge and 1 concrete bridge built.

Maintenance: 330 miles of road were sprayed with chemical weed killer; 61,000 yds. of crushed gravel applied.

Waterloo—Construction: 4.5 miles of road were graded; 21 pipe culverts, 8 concrete culverts and 1 concrete bridge were built.

Maintenance: 186 miles of road were kept clear of snow; 28,336 cu. yds. of gravel were used for maintenance; 90 miles of road were treated with calcium chloride.

Wellington—Construction: Seventeen miles of road were graded; 46 pipe culverts were put in and 27 concrete culverts built; 5,045 cu. yds. of gravel were used.

Maintenance: Fifty-nine miles of road were sprayed with chemical weed killer; 46,000 cu. yds. of crushed gravel were used; 1 Diesel power maintainer was purchased.

DISTRICT NO. 4— *Townships in the Counties of Brant, Haldimand, Lincoln, Welland and Wentworth.*

The townships in this district constructed 4 culverts and 3 bridges. They graded 41 miles of road and stoned or gravelled 45; 46 miles of road were surface treated with bitumen and 100 miles were treated with dust-layer.

The townships purchased 6 trucks and 10 snow plows during the year, so that at the present time there are 26 townships in this district who now own their own snow plows and are endeavouring to keep their roads open during the winter months with mechanical equipment.

District No. 5 — *Townships in the Counties of Dufferin, Bruce and Grey.*

Construction work in the townships was kept at a minimum during the year owing to the curtailment in expenditure as a wartime measure. Most of the municipalities were hard pressed to take care of their routine maintenances and in a number of instances where unforseen emergencies occurred it became necessary to increase their approved appropriation.

It was necessary to replace 15 bridges throughout the district, varying in span from 12 ft. to 108 ft. Several of these replacements were occasioned by failures under loads and others by washouts caused by the extremely rainy season.

In several instances, contractors were unable to complete their contracts owing to their equipment being requisitioned by the military authorities for work on airport construction.

District No. 6— *Townships in the Counties of Halton, Ontario, Peel, Simcoe and York.*

Construction: A total of about 59 miles of construction grading was done on which 48 miles were surfaced with gravel.

Eight bridges and 54 culverts were constructed and numerous pipe culverts installed.

In the townships of Etobicoke, York, East York and North York, about 6½ miles of streets were paved with bituminous mixtures of different kinds.

Maintenance: Maintenance work consisted of the application of a total of approximately 166,000 yds. of gravel or stone; 11 miles of bituminous surface treatment; 160 miles of dust-laying treatment with oil and about 100 miles with calcium chloride.

Eleven townships used chemicals for the destruction of roadside weeds, about 100 miles of township road being so treated.

Four townships purchased motor graders and, in order to meet the growing demand for snow-clearing services, thirteen townships purchased snow plows, one of these to be mounted on a tractor, four on motor graders and eight on trucks.

District No. 7— *Townships in the Counties of Northumberland and Durham, Peterborough, Prince Edward and Victoria.*

Northumberland and Durham—The townships of Hamilton, Hope, Clarke and Cavan carried out better than average programmes of construction and thereby substantially improved their road systems.

Elsewhere, construction was curtailed, except for the building of ten bridges of varied type.

General maintenance of roads improved slightly.

Peterborough—The work in townships was chiefly maintenance with the exception of a small amount of construction in Dummer and the diversion of a creek and building of a reinforced concrete bridge in Asphodel.

Prince Edward—Only in one township, Hillier, was there any construction work performed. It consisted of the grading of a mile of road and the building of a reinforced concrete bridge over Hubb's Creek.

Extraordinary heavy snowfall in the county absorbed road appropriations to such an extent that several townships had, in May, only a few hundred dollars to take care of roads until January.

Victoria—Construction work was generally curtailed in the townships, but a notable change in resurfacing policy was undertaken by the townships of Emily, Fenelon and Mariposa in letting contracts for the crushing and placing of gravel on their roads.

DISTRICT NO. 8— *Townships in the Counties of Frontenac, Hastings, Lennox and Addington and Leeds and Grenville.*

Frontenac—Fourteen new corrugated iron pipe were installed. Two reinforced concrete culverts were built; 1,000 feet of guide rail was erected and one mile of new road graded.

Machinery purchased: Horse-drawn snowploughs (8); snowploughs for trucks (1); large pull graders (1).

Maintenance: Three miles of plant mix bituminous pavement were built. Five concrete culverts were constructed to Department specifications. The largest of these culverts was 20-foot span. Seven miles of new grading was completed, and 23 corrugated iron pipe installed.

Hastings—There was only two tenths of a mile paved this year, but eight and one-half miles were graded; 39 corrugated iron pipes were installed; 830 of guide rail were erected.

Bridge construction included one 90-foot span reinforced concrete bridge, and 5 wood timber bridges.

Machinery purchased: Horse-drawn snowploughs (4); small pull graders (2); tractors (1); mowers (1); half-ton trucks for use of road superintendents (2).

Maintenance: Roads were kept in a good condition for travel. Material added this year included 22,000 cu. yds. of natural gravel, 17,000 cu. yds. of crushed gravel and 2,000 cu. yds. of crushed stone; 16 miles were treated with calcium chloride.

Lennox and Addington—As stated in the county report, all construction in this county was kept at a minimum owing to the cost of equalized assessment.

Two concrete culverts were built. One truck was purchased on the new rental basis, one crushing outfit complete, one snowplough for truck and two horse-drawn snowploughs.

Maintenance: Roads were not allowed to deteriorate. Material added this year included 13,000 cu. yds. of natural gravel, and 4,000 cu. yds. of crushed stone. One and one-half miles were treated with bituminous material, and eight miles with calcium chloride.

Three hundred and sixty miles were kept open for winter traffic, and, in doing this, 2 miles of snow fence was erected.

Leeds and Grenville—Three miles of plant-mix bituminous pavement were built. Five concrete culverts were constructed to Department specifications. The largest of these culverts was 20-foot span. Seven miles of new grading was completed, and 23 corrugated iron pipes installed.

Machinery purchased included one horse-drawn snowplough and one gas-driven pump.

Maintenance: Roads were kept in good travel condition during the summer, and 31,000 cu. yds. of natural gravel, crushed gravel or crushed stone were added to the surface.

DISTRICT NO. 9— *Townships in the United Counties of Prescott and Russell and Stormont, Dundas and Glengarry.*

Prescott and Russell—Construction in the townships progressed favourably. Sixteen miles of road were graded, 5 pipe culverts were installed, 5 concrete culverts were constructed, one concrete rigid frame bridge 25-foot span and 18-foot roadway was built in Hawkesbury East Township; 10,917 cu. yds. of pit gravel 5,026 cu. yds. of crushed gravel and 3,390 cu. yds. of crushed stone were used to surface 19.6 miles of new grades.

Maintenance: 16,501 cu. yds. of gravel and crushed stone were used in resurfacing and 1 mile of road was given an oil dust-laying treatment.

Stormont, Dundas and Glengarry—Construction work in the townships included the following: 11.4 miles of road were graded, 41 pipe culverts and 1 metal arch culvert were installed; 2 concrete culverts were constructed; 1 steel bridge with concrete abutments and floor and 4 concrete bridges were built; 3.5 miles of new grading was surfaced, 1 1-3 miles of gravel mulch was laid.

Maintenance: Approximately 53 miles of gravel roads were treated with calcium chloride for dust-prevention. About 60,079 cu. yds. of gravel were used in resurfacing. Cornwall and Williamsburg townships purchased motor graders and a considerable improvement in the maintenance of their roads was evident.

DISTRICT NO. 10— *Townships in the Counties of Carleton, Lanark and Renfrew.*

Carleton—Since the acquisition of large power maintainer by two townships there has been an improvement in grading and maintaining of roads and neighbouring municipalities have been making use of these machines. Another township this year acquired a smaller type for surface maintenance and the idea of the advisability of using machines for road maintenance is gaining ground in this county.

Lanark—In Ramsay and Lavant townships a new steel and concrete bridge was erected, each being about 66 ft. span. Generally only maintenance was undertaken but this shows a steady improvement. The use of stabilizing agents for gravel roads is being more considered and two townships have made a start in this matter, calcium chloride being used.

Renfrew—Maintenance was the principal activity in the townships of this county but culverts received considerable attention. McNab Township built a steel and concrete bridge 66 ft. span. The maintenance average was high and attention is beginning to be paid to stabilizing of gravel roads.

DISTRICT NO. 11— *Townships in the District of Muskoka and the Provisional County of Haliburton.*

Haliburton—Maintenance of road surface, ditches, culverts and bridges were efficiently carried out over the entire county.

Dysart Municipality commenced construction of a new road from Redstone Lake to Haliburton Lake which will open up valuable timber land and tourist locations. The Township of Stanhope have made arrangements to have crushed gravel put on the Carnarvon-West Guilford Road.

Muskoka—Road expenditures in this district during the year were mostly confined to maintenance of road surfaces, ditches, culvert and bridge repairs. This work was very efficiently carried out over the entire district. A new bridge was constructed to replace the old timber structure in Monck Township from Beaumaris Island to mainland, length of bridge 170 feet, consisting of one 70-foot steel span on concrete piers with British Columbia timber bent approaches. Two miles of bituminous gravel mulch was completed on the Port Sandfield-Minett Road in the Township of Medora.

DISTRICT NO. 12— *Townships in the District of Parry Sound.*

Maintenance work was the principal township activity during 1940. This consisted mostly of dragging, resurfacing and culvert repair.

Due to war work at Nobel, all township roads for a radius of 30 miles received extra heavy traffic during the fall and winter, necessitating extra maintenance and snow removal.

Several diversions started in 1939 were completed in 1940.

DISTRICT NO. 13— *Townships in Nipissing and Most of Sudbury.*

There has been little work of a notable character carried out in this district during the year. The curtailment of expenditures naturally affected the construction program to a greater extent than the maintenance as it was felt that the allotment was little more than sufficient to keep the roads up to the existing standard. While the townships reported almost one third of their total expenditure as construction, most of it would be more properly classified as extraordinary maintenance.

Only one corrugated galvanized pipe culvert was installed, partly because ordinary galvanized iron does not stand up under the acid conditions prevalent in many parts of the district. Seventeen creosoted culverts were installed, fifteen of them in McKim Township. This type of culvert has been quite satisfactory so far. Most of the other culverts were box cedar type, which appeal to the townships because of low initial cost.

Five timber bridges 30 ft. or more in length were built by the Department of Highways forces, replacing old structures, and two others were built by township gangs. Extensive repairs were made to seven more.

Cameron Township completed two roads which have been under way for the past two or three years for a total of 1.06 miles, and started rebuilding another along a right-of-way purchased during the year. McKim built some short new sections as did some of the others to a lesser extent.

No hard surfacing was undertaken.

In Balfour, Rayside, Blezard and Hanmer townships, road surfaces were opened and a 12-inch layer of flat stone placed in various soft sections. This method is used extensively in these townships where gravel is scarce and it provides a subgrade which is passable at all times. It should, of course, be adequately covered with clay and gravel to provide a smooth surface.

The largest expenditure under maintenance was for gravel resurfacing, the reports showing 43,462 cu. yds. of pit-run gravel used. Until some further educational work is carried out the townships here will be slow in adopting crushed gravel. The unit cost has been high and for small quantities it would appear to be advisable to purchase without tender from crushing plants which may, from time to time, be in the vicinity working on Department contracts.

Calcium chloride dust-layer was used in Chapleau and parts of West Ferris and a little oil in McKim.

Additional small quantities of snow fence were purchased and 7.5 miles erected and 111 miles of roads kept open with mechanical equipment. East Ferris keeps most of its roads open with horse ploughs and others use the same method to a smaller extent.

Neelon and Garson purchased a gasoline tandem-drive grader for which a snow-plough will likely be bought this fall. An air compressor, horse-drawn leaning wheel grader and a two-team grader were also among the new machinery purchased. The tandem-drive grader is the only piece of equipment in the district on the new hourly rental basis.

The reversion of about 100 miles of "secondary" roads to the townships was an important event to those affected, being an increase of about 10 per cent. in township road mileages. While the townships were opposed to this change the increase in subsidies did much to offset the criticism. It might be noted that after three years' experience under the Highway Improvement Act, the results have been generally satisfactory.

The division offices at Sudbury and North Bay have been most generous in their co-operation and have helped out on many occasions with their equipment and experienced personnel.

The new system of bookkeeping appears to be working out very well. In the majority of the townships it is almost impossible to get road superintendents who are capable of keeping any set of books and township clerks or special road bookkeepers are helping out.

DISTRICT No. 14— *Townships in Timiskaming, Part of Cochrane (South).*

Approximately 40 miles of former "secondary" roads reverted to the township authorities during the year. All roads were maintained to their usual standard. Construction was reduced to a minimum and consisted mainly of bridges and other structures which were beyond repair. About 4 miles of road was surfaced with a mixed-in-place mulch. Snow roads were maintained all winter in 5 townships.

Notwithstanding the added mileage, expenditures did not exceed the 1939 figures.

DISTRICT No. 18— *Townships in the Districts of Algoma, Manitoulin and Part of Sudbury.*

One small timber bridge was replaced under joint agreement between Assiginack and Tehkummah townships.

No other new construction work was done in the townships.

All townships have continued to widen and improve contour of roads.

Other than the above, most of the work was gravelling and general maintenance. It has been necessary to apply most of their efforts in this work up to the present to make these roads really passable, as it has only been recently that they have been properly organized.

DISTRICT NO. 19— *Townships in the District of Thunder Bay.*

During the past year considerable work was carried on in this district by the organized townships. The most outstanding work was the completion of the gravel-mulch pavement on the streets of Schreiber. This practically completes the paving operations necessary in Schreiber for some time, as all their streets are now paved and standing up very well.

The Municipality of Nipigon, also, through the assistance of the Department, laid approximately one-half mile of mulch pavement, which is greatly appreciated by their citizens, as it does away with the dust menace on their principal streets.

The Municipality of Shuniah purchased a tandem-drive power maintainer, which was of great assistance to them in carrying on their road construction program during the summer months. While on the road inspection held recently, considerable improvement could be noticed on the roads where the power maintainer had been operated. During the winter this maintainer was also used for ploughing the roads with very gratifying results, as 50 per cent. of the roads in the Township of McIntyre were kept open with this piece of equipment.

The Municipality of Neebing carried on their regular program of maintenance on their roads, using their truck and grader for this work. Their truck was operated throughout the winter with snow-ploughing equipment and a large percentage of their roads were kept open during the entire winter.

The Municipality of Paipoonge made a number of changes in their roads. Through the co-operation of the C. N. R., they arranged to take over part of the P. D. and W. right-of-way. This right-of-way was graded and gravelled, doing away with a number of miles of road which was difficult to maintain. This township also carried on a program of snow-ploughing throughout the winter, using trucks and team ploughs. In fact, all townships in the district are beginning to realize the importance of keeping their roads open during the winter months and a considerable amount of their funds is being placed aside for their winter operations.

During the road inspections made with the councils of each municipality during the past year, considerable improvement could be noticed in the methods used in their maintenance work and the roads throughout these organized townships are steadily improving. The councils also are beginning to appreciate the system under which they are working.

Construction work in the organized townships in this district was principally as follows:

Clearing and grubbing 130.73 acres; grading 17.63 miles; culverts, 56 wood (under 10-foot span), and 1 pipe; bridges, 13 wood (10-foot span and over); road surfaces, new grade, 8.8 miles — 4,760 cu. yds. pit gravel; ditching 14,425 lin. ft.; guide rail 2,000 ft.; excavating, Paipoonge — curves for vision — 100 cu. yds.; Conmee — grading repairs, 1,140 cu. yds.; clearing right-of-way, Conmee, 2,400 sq. ft. Schreiber — mulch mixture job, 1½ miles; gravel used, 1,134 cu. yds. Asphalt oil, 1,208 gals. Cost of job, $3,606.17.

Nipigon purchased 10-foot strip of land from C. P. R., 1,425 ft. in length, for widening out main road, later treated to mulch surface at a cost of $2,226.42; 604 tons of crushed rock and 7,600 gals. of asphalt were used.

Maintenance consisted of the following:

Ditching, 27,996 lin. ft.; snow clearing, 588.5 miles; snow fence erected, 81 miles; dragging, 92 miles — Paipoonge Township — 1,420 miles; weed cutting, 97 miles; weed spraying, 4 miles; resurfacing, pit gravel applied, 22,534 cu. yds.; crushed gravel applied, 100 cu. yds.; dust-laying treatment, calcium, 3 miles; side brushing, Conmee, 2,064 lin. ft., 8 ft. wide; Paipoonge, 26 acres; Schreiber, 3,500 ft., 6 ft. wide; clearing landslide (Paipoonge), 40 cu. yds.; sanding hills, 17 cu. yds. Equipment Purchased: Nipigon — Attachable snow-plough for truck or tractor; Paipoonge — Snow-plough (steel suitable for operation by 2- or 3-yd. truck; Shuniah — Tandem-drive motor grader and snow-plough and wing, hydraulic.

DISTRICT NO. 20 — *Kenora.*

Work done on various roads within the Townships of Sanford, Temple, Langton and west half of Aubrey, comprising the Municipality of Machin:

Construction: Clearing and grubbing, 20 acres; grading, 3 miles; wood culverts, 20; sodding, 3,000 sq. rds.; underdrainage, 500 lin. ft.; road surfaces — pit gravel on new grades, 700 cu. yds., spread over 2 miles.

Maintenance: Ditching, 1,000 lin. ft.; snow fence erected, 2½ miles; weed-spraying, 5 miles; resurfacing—pit gravel applied, 2,000 cu. yds.

The main expenditure for the year was on maintenance work. Grading, gravelling, repairing culverts and generally bringing the roads up to standard constituted the bulk of the year's work.

Work done on various roads within the Townships of Jaffray and Melick:

Construction: Clearing and grubbing, 3.19 acres; grading, .87 miles; wood culverts, 2; cross lay, .04; road surfaces—pit gravel on new grades, 317 cu. yds., spread over .50 miles.

Maintenance: Ditching, 8,187 lin. ft.; resurfacing, 2,481 cu. yds.; dragging, 283 miles; cutting and burning brush, 8.37 acres; culverts repaired, 37.

DISTRICT NO. 21—*Townships in the District of Rainy River.*

Construction consisted of clearing and grubbing 40.6 acres; 10 miles of new grade were built, and 2.3 miles of old grade were brought up to standard; 5,562 cu. yds. of pit-run gravel were placed on 8.3 miles of new and improved grade. New culverts installed were 2 metal, 2 concrete and 63 timber under 10 ft. span, and 6 pile trestle bridges of over 10 ft. span were built.

Maintenance work included the application of 11,803 cu. yds. of pit-run gravel as resurfacing; 63,631 lin. ft. of ditch-cleaning; the replacement or repairs of many small culverts and the necessary weed and brush cutting. Calcium chloride dustlayer was used on 2.5 miles of road; 3 miles of snow fence erected, and 149.5 miles of mechanical snow clearing.

1940 CONFERENCES

Due to prevailing conditions at the beginning of 1940 it was deemed inadvisable to hold the annual conference on road improvement for county and township road superintendents and engineers.

At the beginning of 1940, four district conferences were held, the first at Chatham for the municipalities of Essex, Kent and Lambton Counties, on March 12th and 13th, 1940. This was the twelfth annual conference for District No. 1. The second was the thirteenth annual conference at London on March 14th and 15th, 1940, for the county and township road superintendents for District No. 2, which takes in the Counties of Elgin, Middlesex, Norfolk and Oxford. District No. 3 held a conference at Kitchener on April 11th, 1940, for the representatives of the municipalities in the counties of Huron, Perth, Waterloo and Welland. The final conference was held for the road officials of District No. 5 on April 26th at Owen Sound. The counties represented were Bruce, Dufferin and Grey. All these conferences were highly successful.

INDIAN RESERVES

Sheguiandah and West Bay Indian Reserves took aid under The Highway Improvement Act for the first time in 1940, thus raising the total of reserves eligible to nineteen. The total expended on reserve roads was $34,828.31 and the government subsidy $18,561.09.

Indian Reserve		Expenditure
Alnwick		No Return
Cape Croker	$	2,886.17
Caradoc		2,300.39
Gibson		800.00
Kettle and Stony Point		610.90
Moravian		216.00
Mud Lake		419.57
New Credit		2,600.00
Parry Island		600.00
Rama		144.75
Rice Lake		238.28
Sarnia		506.44
Saugeen		794.40
Shawanaga		699.50
Sheguiandah		300.00
Six Nations		17,157.80
Tyendinaga		3,000.00
Walpole Island		954.11
West Bay		600.00
Total	$	34,828.31

CONCLUSION

Several county engineers are now engaged in war work in the armed forces of the Empire and the following gentlemen are at present on leave of absence from their various counties:

1. Major A. L. S. Nash, County Engineer of Haldimand, at present in England with the 1st Division Artillery. Major Nash was in France in September 1940 and brought most of his equipment back to England during those strenuous days at Dunkirk.

2. Captain A E Chalmers, County Engineer of Peterborough, is serving with the Engineers and now busy in England building highways through the country and doing general work in Old London.

3. Captain J. Leavens, County Engineer of Prince Edward, is in England.

4. Captain J. E. Goodman, County Engineer of Frontenac, is with the Canadian Engineers at Petawawa Camp in Eastern Ontario.

5. Captain Geo. Walker, of Lanark County, is also with the Canadian Engineers in Eastern Ontario.

The Department has asked that municipalities adopt the system in vogue in the Provincial Government of making only temporary appointments to fill such vacancies so that when the official returns from active service he may resume his previous position.

The Department desires to acknowledge the friendly co-operation of the county engineers and the township road superintendents and of the suburban commissions in the work carried out during 1940. The improvement of municipal roads is a most important work and their best efforts are shown in the splendid condition of the roads under their jurisdiction.

APPENDICES

Nos. 1 to 11

APPENDIX No. 1

GROSS EXPENDITURES BY COUNTIES AND DISTRICTS

April 1, 1940, to March 31, 1941

County	Construction	Maintenance	Total
BRANT:—			
Highway No. 2		$ 19,667.78	$ 19,667.78
" No. 5	150.00	5,162.48	5,312.48
" No. 24	1,563.53	6,547.97	8,111.50
" No. 24A	45.00	1,905.25	1,950.25
" No. 53		12,869.80	12,869.80
" No. 54		17,798.87	17,798.87
" No. 99		1,855.69	1,855.69
Blue Lake Road		1,019.13	1,019.13
Silver Street		1,981.65	1,981.65
	$ 1,758.53	$ 68,808.62	$ 70,567.15
BRUCE:—			
Highway No. 4	$ 5.57	$ 13,335.82	$ 13,341.39
" No. 6		39,021.15	39,021.15
" No. 9	10.00	11,435.55	11,445.55
" No. 21	7,119.27	38,721.19	45,840.46
" No. 86	5.57	5,346.52	5,352.09
	$ 7,140.41	$ 107,860.23	$ 115,000.64
CARLETON:—			
Highway No. 15		$ 13,185.87	$ 13,185.87
" No. 16	162.02	14,610.87	14,772.89
" No. 17	(Cr.) 108.02	22,382.92	22,274.90
" No. 29		4,544.75	4,544.75
" No. 31	5,143.00	16,645.39	21,788.39
" No. 44		9,412.35	9,412.35
	$ 5,197.00	$ 80,782.15	$ 85,979.15
DUFFERIN:—			
Highway No. 9		$ 8,940.77	$ 8,940.77
" No. 10		12,035.90	12,035.90
" No. 24	1.05	11,807.00	11,808.05
" No. 89		5,191.78	5,191.78
	$ 1.05	$ 37,975.45	$ 37,976.50
ELGIN:—			
Highway No. 3	$ 16,194.57	$ 21,012.92	$ 37,207.49
" No. 4	7,950.00	7,249.61	15,199.61
" No. 19	95.00	5,492.37	5,587.37
" No. 73	733.10	7,764.78	8,497.88
" No. 74	44.98	7,123.85	7,168.83
" No. 75		612.00	612.00
" No. 76		612.00	612.00
" No. 77		715.56	715.56
St. Thomas Entrance		66.85	66.85
	$ 25,017.65	$ 50,649.94	$ 75,667.59
ESSEX:—			
Highway No. 2	$ 8,791.73	$ 6,900.70	$ 15,692.43
" No. 2B		206.25	206.25
" No. 3	1,545.11	10,205.75	11,751.16
" No. 3B		3,108.17	3,108.17
" No. 18	8,108.92	17,142.14	25,251.06
" No. 18A		14,813.59	14,813.59
" No. 18B		1,595.22	1,595.22
" No. 39	102.49	5,622.78	5,725.27
" No. 98	10,076.97	10,070.63	20,147.60
" No. 98A		188.89	188.89
Pelee Island		1,765.90	1,765.90
	$ 28,625.52	$ 71,620.02	$ 100,245.54

County	Construction	Maintenance	Total
CONNECTING LINK—TOWN OF LEAMINGTON		$ 230.55	$ 230.55
	$ 28,625.52	$ 71,850.57	$ 100,476.09
FRONTENAC:—			
Highway No. 2	$ 15,047.39	$ 11,359.05	$ 26,406.44
" No. 7	27,548.71	29,956.08	57,504.79
" No. 15		7,145.86	7,145.86
" No. 33	(Cr.) 4,479.05	805.02	(Cr.) 3,674.03
" No. 38	4,095.54	29,604.98	33,700.52
" No. 95		2,223.35	2,223.35
" No. 96	258.90	7,202.17	7,461.07
Secondary Roads—			
Highway No. 41—Ardoch		2,381.23	2,381.23
Clarendon Road	85.98	1,376.15	1,462.13
	$ 42,557.47	$ 92,053.89	$ 134,611.36
GREY:—			
Highway No. 4		$ 18,592.99	$ 18,592.99
" No. 6	51.40	37,394.77	37,446.17
" No. 10	1,031.81	16,259.48	17,291.29
" No. 21	1,057.36	10,093.72	11,151.08
" No. 24		3,105.57	3,105.57
" No. 26	64.03	15,440.78	15,504.81
	$ 2,204.60	$ 100,887.31	$ 103,091.91
HALDIMAND:—			
Highway No. 3	$ 2,746.92	$ 20,877.01	$ 23,623.93
" No. 6	76.90	10,349.99	10,426.89
" No. 54		10,164.41	10,164.41
" No. 56		6,814.00	6,814.00
	$ 2,823.82	$ 48,205.41	$ 51,029.23
HALTON:—			
Highway No. 2	$ 1,972.36	$ 15,050.04	$ 17,022.40
" No. 5		7,113.09	7,113.09
" No. 7		10,757.21	10,757.21
" No. 25		14,457.52	14,457.52
Queen Elizabeth Way	115,620.81	62,395.76	178,016.57
	$ 117,593.17	$ 109,773.62	$ 227,366.79
HASTINGS:—			
Highway No. 2	$ 2,030.80	$ 33,898.62	$ 35,929.42
" No. 7		19,437.46	19,437.46
" No. 14	40,681.71	25,493.87	66,175.58
" No. 28		6,690.59	6,690.59
" No. 33	583.00	6,659.70	7,242.70
" No. 37	2,518.58	23,159.61	25,678.19
" No. 62	97.88	37,475.37	37,573.25
Secondary Roads—			
Bancroft-Herman		710.93	710.93
Birds Creek—Baptiste Lake		404.57	404.57
Maynooth—Nipissing Boundary		4,654.30	4,654.30
Burgess Mine—Renfrew Boundary		147.36	147.36
	$ 45,911.97	$ 158,732.38	$ 204,644.35

County	Construction	Maintenance	Total
HURON:—			
Highway No. 4	$ 10,083.94	$ 24,854.93	$ 34,938.87
" No. 8	1,610.58	11,769.55	13,380.13
" No. 9	....	587.97	587.97
" No. 21	15,294.34	57,394.28	72,688.62
" No. 23	1,910.00	2,438.89	4,348.89
" No. 81	....	4,694.08	4,694.08
" No. 83	....	12,530.23	12,530.23
" No. 84	4.10	8,757.85	8,761.95
" No. 86	....	16,726.46	16,726.46
" No. 87	....	9,522.50	9,522.50
	$ 28,902.96	$ 149,276.74	$ 178,179.70
KENT:—			
Highway No. 2	$ 490.84	$ 10,882.76	$ 11,373.60
" No. 3	1,855.15	25,310.77	27,165.92
" No. 21	140.30	4,758.97	4,899.27
" No. 40	137.63	5,188.10	5,325.73
" No. 78	....	2,505.43	2,505.43
" No. 79	10.17	1,730.08	1,740.25
" No. 98	....	729.19	729.19
	$ 2,634.09	$ 51,105.30	$ 53,739.39
Rondeau Park	7,578.27	1,869.46	9,447.73
	$ 10,212.36	$ 52,974.76	$ 63,187.12
LAMBTON:—			
Highway No. 7	$ 4,298.60	$ 17,468.53	$ 21,767.13
" No. 21	16.14	33,674.66	33,690.80
" No. 22	....	1,340.54	1,340.54
" No. 40	736.30	22,837.39	23,573.69
" No. 79	....	11,233.93	11,233.93
" No. 80	....	400.57	400.57
" No. 82	20.04	4,767.52	4,787.56
	$ 5,071.08	$ 91,723.14	$ 96,794.22
LANARK:—			
Highway No. 7	....	$ 3,869.62	$ 3,869.62
" No. 15	43.53	11,088.89	11,132.42
" No. 29	....	26,692.21	26,692.21
" No. 44	....	1,534.65	1,534.65
Secondary Roads—			
Darling Township, North Line to South Line	....	2,458.53	2,458.53
	$ 43.53	$ 45,643.90	$ 45,687.43
LEEDS AND GRENVILLE:—			
Highway No. 2	$ 19,880.97	$ 72,952.32	$ 92,833.29
" No. 15	....	17,216.79	17,216.79
" No. 16	1,040.35	11,299.38	12,339.73
" No. 29	118.80	10,535.67	10,654.47
" No. 32	....	14,697.37	14,697.37
" No. 42	78.50	6,094.73	6,173.23
St. Lawrence River Road	316,376.91	12,082.58	328,459.49
Secondary Roads—			
Elgin-Chaffey's Locks	....	497.73	497.73
	$ 337,495.53	$ 145,376.57	$ 482,872.10

County	Construction	Maintenance	Total
LENNOX AND ADDINGTON:—			
Highway No. 2	$ 88.80	$ 21,659.59	$ 21,748.39
" No. 7		6,701.00	6,701.00
" No. 33	4,278.04	26,908.02	31,186.06
" No. 41	7,107.21	45,770.46	52,877.67
	$ 11,474.05	$ 101,039.07	$ 112,513.12
LINCOLN:—			
Highway No. 8	$ 6,596.00	$ 27,771.83	$ 34,367.83
" No. 8A		1,753.04	1,753.04
" No. 20	808.78	21,856.99	22,665.77
" No. 57	3,976.91	4,532.92	8,509.83
" No. 58		1,854.66	1,854.66
Queen Elizabeth Way	2,211,468.98	36,732.89	2,248,201.87
	$2,222,850.67	$ 94,502.33	$2,317,353.00
MIDDLESEX:—			
Highway No. 2	$ 10,157.34	$ 24,840.73	$ 34,998.07
" No. 4		14,342.86	14,342.86
" No. 7		14,773.04	14,773.04
" No. 20	200.00		200.00
" No. 22		8,821.73	8,821.73
" No. 23	3,301.29	4,267.96	7,569.25
" No. 24	2,000.00		2,000.00
" No. 73		8,619.19	8,619.19
" No. 74		2,457.13	2,457.13
" No. 80		6,900.32	6,900.32
" No. 81		15,679.65	15,679.65
	$ 15,658.63	$ 100,702.61	$ 116,361.24
NORFOLK:—			
Highway No. 3		$ 14,366.48	$ 14,366.48
" No. 6		1,486.48	1,486.48
" No. 8	11,532.04		11,532.04
" No. 9	200.00		200.00
" No. 19		260.95	260.95
" No. 24		5,552.61	5,552.61
" No. 59		867.08	867.08
	$ 11,732.04	$ 22,533.60	$ 34,265.64
Long Point Park Road	6,299.36	398.92	6,698.28
	$ 18,031.40	$ 22,932.52	$ 40,963.92
NORTHUMBERLAND AND DURHAM:—			
Highway No. 2	$ 276.82	$ 42,992.76	$ 43,269.58
" No. 7A	5,289.70	16,081.19	21,370.89
" No. 28	322.43	18,751.97	19,074.40
" No. 30	1,499.63	26,063.90	27,563.53
" No. 33		3,708.98	3,708.98
" No. 35		17,752.01	17,752.01
" No. 45	300.80	16,794.51	17,095.31
	$ 7,689.38	$ 142,145.32	$ 149,834.70
Connecting Link, Town of Brighton		37.02	37.02
Connecting Link, Town of Trenton		211.66	211.66
Connecting Link, Village of Hastings		216.65	216.65
	$ 7,689.38	$ 142,610.65	$ 150,300.03

County	Construction	Maintenance	Total
ONTARIO:—			
Highway No. 2	$ 250,219.02	$ 52,190.46	$ 302,409.48
" No. 7	571.39	11,015.97	11,587.36
" No. 7A	2,534.16	2,865.27	5,399.43
" No. 12	643.97	36,225.82	36,869.79
" No. 47	19,365.73	25,143.51	44,509.24
" No. 48		17,016.33	17,016.33
" No. 69		4,202.94	4,202.94
	$ 273,334.27	$ 148,660.30	$ 421,994.57
OXFORD:—			
Highway No. 2	$ 458.03	$ 17,293.86	$ 17,751.89
" No. 3	2,677.18	503.97	3,181.15
" No. 19	5.55	25,673.13	25,678.68
" No. 53		1,204.07	1,204.07
" No. 59		19,361.17	19,361.17
" No. 97		6,632.93	6,632.93
Governor's Road		5,971.25	5,971.25
Princeton North Road		587.56	587.56
Thamesford Road		1,173.61	1,173.61
	$ 3,140.76	$ 78,401.55	$ 81,542.31
PEEL:—			
Highway No. 2	$ 1,567.76	$ 5,530.87	$ 7,098.63
" No. 5	6,561.18	6,481.48	13,042.66
" No. 7	21,688.13	7,344.87	29,033.00
" No. 9		3,976.21	3,976.21
" No. 10		15,274.25	15,274.25
" No. 24		10,598.91	10,598.91
" No. 50		12,097.46	12,097.46
" No. 51		1,608.37	1,608.37
Queen Elizabeth Way	32,538.98	53,696.98	86,235.96
	$ 62,356.05	$ 116,609.40	$ 178,965.45
PERTH:—			
Highway No. 7	$ 652.75	$ 7,503.44	$ 8,156.19
" No. 8	1,671.79	31,466.00	33,137.79
" No. 19	764.02	18,118.20	18,882.22
" No. 23	6,604.43	25,392.20	31,996.63
" No. 83		1,699.54	1,699.54
" No. 86		7,933.68	7,933.68
Thamesford Road	5.62	130.41	136.03
	$ 9,698.61	$ 92,243.47	$ 101,942.08
PETERBOROUGH:—			
Highway No. 7	$ 5,663.80	$ 31,464.47	$ 37,128.27
" No. 7A		596.18	596.18
" No. 28	3,191.40	47,264.44	50,455.84
" No. 30		2,620.98	2,620.98
" No. 36		13,867.43	13,867.43
" No. 45		3,056.78	3,056.78
Secondary Roads—			
Apsley-Haliburton Apsley-Chandos Apsley-Loon Lake		9,136.81	9,136.81
Chandos Township—Loon Lake Revision	8,168.94		8,168.94
Junction Highway No. 36—Haliburton County Line		1,886.40	1,886.40
Mining Roads—			
Nepheline Mining Road	1,098.21		1,098.21
	$ 18,122.35	$ 109,893.49	$ 128,015.84

County	Construction	Maintenance	Total
Connecting Link—Village of Lakefield		7,524.23	7,524.23
	$ 18,122.35	$ 117,417.72	$ 135,540.07
PRESCOTT AND RUSSELL:—			
Highway No. 17	$ 3,173.34	$ 28,209.80	$ 31,383.14
" No. 34	780.00	4,926.37	5,706.37
	$ 3,953.34	$ 33,136.17	$ 37,089.51
PRINCE EDWARD:—			
Highway No. 14	$ 26.21	$ 15,676.97	$ 15,703.18
" No. 33		13,616.49	13,616.49
" No. 41		2,165.86	2,165.86
	$ 26.21	$ 31,459.32	$ 31,485.53
RENFREW:—			
Highway No. 17	$ 15,225.96	$ 108,447.24	$ 123,673.20
" No. 29		213.65	213.65
" No. 41	10,054.83	18,584.33	28,639.16
" No. 60	2,077.52	33,888.15	35,965.67
" No. 62		16,015.80	16,015.80
Belles Rapids Road	16,552.84		16,552.84
Highway No. 17 to Douglas and Eganville		9,648.02	9,648.02
Secondary Roads—			
Combermere-Hastings Boundary		173.61	173.61
Combermere-Quadeville		552.11	552.11
Killaloe-Round Lake		3,762.73	3,762.73
Brudenell-Killaloe		278.88	278.88
Griffith-Black Donald Mine		337.58	337.58
Dacre-Hyndford-Shamrock	7,358.36	229.06	7,587.42
Eganville-Cormac		261.54	261.54
Burnstown to Black Donald, Calabogie to Lanark County Line	4,226.30	12,951.29	17,177.59
	$ 55,495.81	$ 205,343.99	$ 260,839.80
SIMCOE:—			
Highway No. 9		$ 3,508.88	$ 3,508.88
" No. 11	4,183.40	74,227.83	78,411.23
" No. 12	1,556.74	45,967.83	47,524.57
" No. 24	55.43	11,215.53	11,270.96
" No. 26	477.17	20,424.48	20,901.65
" No. 27	475.01	51,172.68	51,647.69
" No. 88		6,002.65	6,002.65
" No. 89	15.00	10,966.16	10,981.16
" No. 90	34,690.53	10,730.54	45,421.07
" No. 91		2,230.17	2,230.17
" No. 92		12,177.97	12,177.97
" No. 93	879.55	18,490.29	19,369.84
Secondary Roads—			
Lawson-Port Severn		520.73	520.73
	$ 42,332.83	$ 267,635.74	$ 309,968.57
STORMONT, DUNDAS AND GLENGARRY:—			
Highway No. 2	$ 736.78	$ 39,055.27	$ 39,792.05
" No. 31	191.47	10,193.89	10,385.36
" No. 34	711.54	8,280.63	8,992.17
" No. 43	44,303.47	29,419.55	73,723.02
	$ 45,943.26	$ 86,949.34	$ 132,892.60

County	Construction	Maintenance	Total
VICTORIA:—			
Highway No. 7		$ 12,375.70	$ 12,375.70
" No. 35	6,847.47	27,519.04	34,366.51
" No. 36	2,231.14	4,677.23	6,908.37
" No. 46	944.94	24,268.08	25,213.02
Secondary Roads—			
Bobcaygeon-Burnt River		1,886.38	1,886.38
Kirkfield-Seabright-Uphill-Norland and Uphill—Highway No. 46	1.33	12,662.10	12,663.43
Fenelon Falls-Burnt River-Kinmount-Norland	7.39	3,444.87	3,452.26
	$ 10,032.27	$ 86,833.40	$ 96,865.67
Connecting Link—Town of Lindsay		1,122.68	1,122.68
	$ 10,032.27	$ 87,956.08	$ 97,988.35
WATERLOO:—			
Highway No. 7	$ 5.34	$ 4,248.77	$ 4,254.11
" No. 8	(Cr.) 19.32	17,818.55	17,799.23
" No. 24		3,641.62	3,641.62
" No. 24A		2,453.39	2,453.39
" No. 85	82.96	6,267.10	6,350.06
" No. 86	78.23	9,813.69	9,891.92
" No. 97		8,428.43	8,428.43
	$ 147.21	$ 52,671.55	$ 52,818.76
WELLAND:—			
Highway No. 3	$ 3,347.60	$ 17,608.17	$ 20,955.77
" No. 3A		5,113.87	5,113.87
" No. 3C		4,043.51	4,043.51
" No. 8		2,049.52	2,049.52
" No. 20		6,296.63	6,296.63
" No. 57		6,733.56	6,733.56
" No. 58		7,235.60	7,235.60
Queen Elizabeth Way	1,407,585.08	3,312.77	1,410,897.85
Rainbow Bridge Approach	641,708.66	36.55	641,745.21
	$2,052,641.34	$ 52,430.18	$2,105,071.52
WELLINGTON:—			
Highway No. 6	$ 839.99	$ 30,124.41	$ 30,964.40
" No. 7	3.20	10,172.22	10,175.42
" No. 9	5,384.42	12,515.58	17,900.00
" No. 23		1,107.60	1,107.60
" No. 24		13,141.54	13,141.54
" No. 86		8,206.81	8,206.81
" No. 87		2,981.36	2,981.36
	$ 6,227.61	$ 78,249.52	$ 84,477.13

County	Construction	Maintenance	Total
WENTWORTH:—			
Highway No. 2	$ 4,580.56	$ 15,854.94	$ 20,435.50
" No. 5	....	11,661.98	11,661.98
" No. 6	29,265.43	11,464.32	40,729.75
" No. 8	140.00	17,888.32	18,028.32
" No. 8D	....	2,537.55	2,537.55
" No. 20	8,804.41	12,505.68	21,310.09
" No. 20A	....	915.98	915.98
" No. 52	1,536.53	10,496.39	12,032.92
" No. 53	271.15	14,056.76	14,327.91
" No. 55	....	1,624.46	1,624.46
" No. 56	....	2,896.61	2,896.61
" No. 97	....	9,686.85	9,686.85
" No. 99	....	11,377.75	11,377.75
Queen Elizabeth Way	690,651.15	20,672.27	711,323.42
	$ 735,249.23	$ 143,639.86	$ 878,889.09
YORK:—			
Highway No. 2	$ 61,270.33	$ 41,242.79	$ 102,513.12
" No. 5	....	2,707.84	2,707.84
" No. 5A	3,711.98	16,434.60	20,146.58
" No. 7	32.60	16,098.67	16,131.27
" No. 9	....	934.33	934.33
" No. 11	28,002.86	50,562.63	78,565.49
" No. 27	502.40	45,423.06	45,925.46
" No. 47	....	1,465.90	1,465.90
" No. 49	....	1,268.22	1,268.22
" No. 50	302.05	....	302.05
Queen Elizabeth Way	807,490.06	14,232.15	821,722.21
	$ 901,312.28	$ 190,370.19	$1,091,682.47

District	Construction	Maintenance	Total
DISTRICT OF HALIBURTON:—			
Highway No. 28	$ 63.84	$ 4,676.99	$ 4,740.83
" No. 35	8,295.09	77,848.99	86,144.08
" No. 60	550.63	8,284.43	8,835.06
Secondary Roads—			
Haliburton-Wilberforce Road	90.68	10,735.13	10,825.81
Minden-Kinmount Road	9.26	3,038.13	3,047.39
Kinmount-Wilberforce Road	823.70	5,917.48	6,741.18
Minden-Redstone Lake		10,259.28	10,259.28
	$ 9,833.20	$ 120,760.43	$ 130,593.63
DISTRICT OF MUSKOKA:—			
Highway No. 11	$ 24,570.64	$ 123,573.05	$ 148,143.69
" No. 35		20,170.64	20,170.64
" No. 60		5,231.76	5,231.76
" No. 69	2,382.91	32,319.19	34,702.10
Secondary Roads—			
Bracebridge-Dorset Road	1.10	29,378.71	29,379.81
Bracebridge-Glen Orchard Road	19,346.72	16,771.85	36,118.57
Huntsville-Baysville Road	.95	16,341.82	16,342.77
Falkenburg-Rosseau Road	368.54	28,332.84	28,701.38
Township Roads—			
Baxter Township		7,269.59	7,269.59
Sinclair Township		608.00	608.00
	$ 46,670.86	$ 279,997.45	$ 326,668.31
DISTRICT OF PARRY SOUND:—			
Highway No. 11	$ 9,241.87	$ 121,317.20	$ 130,559.07
" No. 69	14,819.30	113,687.25	128,506.55
Secondary Roads—			
Rosseau-Hayes Corner	120.92	14,412.63	14,533.55
Emsdale-Parry Sound	841.98	13,676.45	14,518.43
Burks Falls-Parry Sound	4,781.35	37,564.65	42,346.00
Dunchurch-Ardbeg		3,463.95	3,463.95
Sundridge-Magnetawan		6,062.52	6,062.52
Trout Creek-Loring	16,105.60	25,212.53	41,318.13
Powassan-Restoule	214.84	9,210.97	9,425.81
Township Roads—			
Conger Township	200.00	330.67	530.67
Monteith "	910.00	963.58	1,873.58
Bethune "		686.75	686.75
Proudfoot "	152.81	689.08	841.89
Spence "		1,534.93	1,534.93
Ferguson "	184.10	352.57	536.67
Burpee "		37.20	37.20
Croft "		1,865.66	1,865.66
Laurier "		1,002.02	1,002.02
Lount "	196.00	1,490.93	1,686.93
Ferrie "		21.97	21.97
McKenzie "		1,252.68	1,252.68
Wallbridge "	372.26	1,006.59	1,378.85
Wilson "		625.37	625.37
Mills "	175.25	1,313.55	1,488.80
Pringle "	60.00	1,648.11	1,708.11
Gurd "	184.21	2,473.90	2,658.11
Patterson "		846.12	846.12
Hardy "		1,455.65	1,455.65
McConkey "		625.37	625.37
Henvey "	4,450.35	176.65	4,627.00
	$ 53,010.84	$ 365,007.50	$ 418,018.34

District	Construction	Maintenance	Total
DISTRICT OF NIPISSING:—			
Highway No. 11	$ 319,935.92	$ 48,832.82	$ 368,768.74
" No. 17	12,267.21	93,093.15	105,360.36
" No. 60	55,811.33	54,550.45	110,361.78
" No. 63	5,472.88	32,484.98	37,957.86
" No. 64	(Cr) 2,426.32	7,714.20	5,287.88
" No. 94	11.05	4,398.74	4,409.79
Secondary Roads—			
Madawaska-Cross Lake		1,046.70	1,046.70
Whitney-Hastings Boundary		4,702.32	4,702.32
Mattawa-Harrington Creek		623.40	623.40
Highway No. 11 to North Bay Airport	4,931.99	2,847.25	7,779.24
Verner-Lavigne		7,927.17	7,927.17
Field-River Valley-Afton Mine	16.50	4,171.30	4,187.80
Warren-River Valley		8,971.92	8,971.92
Hager-Rutter-Bigwood-Wolseley Bay	12,686.09	33,670.62	46,356.71
Township Roads—			
Phelps Township	$ 1,483.70	$ 353.61	$ 1,837.31
Grant "		44.65	44.65
Bastedo "	170.90	122.30	293.20
Gibbons "	237.40	715.92	953.32
Badgerow "	229.90	1,806.41	2,036.31
Crerar "	419.90	934.65	1,354.55
Hugel "	1,232.80	77.75	1,310.55
Kirkpatrick "	1,656.30	100.10	1,756.40
Macpherson "	1,394.95	788.53	2,183.48
Loudon "	236.40	275.13	511.53
Falconer "	480.30	249.32	729.62
Scollard "	357.80	541.75	899.55
Haddo "		417.43	417.43
Henry "	437.80	167.48	605.28
Hoskins "	155.20		155.20
Delamere "	533.60		533.60
Bigwood "	1,123.05	59.85	1,182.90
Lauder "		75.95	75.95
French "		513.95	513.95
Casimir, Appleby, and Jennings Townships		179.60	179.60
Cosby and Mason Townships		60.00	60.00
Field Township		(Cr.) 600.00	(Cr.) 600.00
	$ 418,856.65	$ 311,919.40	$ 730,776.05
DISTRICT OF TEMISKAMING:—			
Highway No. 11	$ 1,476,638.20	$ 94,619.31	$ 1,571,257.51
" No. 65	427.52	59,594.90	60,022.42
Secondary Roads—			
Lorrain Road		3,280.07	3,280.07
Haileybury West Road		4,553.05	4,553.05
North Temiskaming Road		11,443.12	11,443.12
North Road		7,605.61	7,605.61
McCool-Earlton Road		734.65	734.65
Charlton Road		3,897.17	3,897.17
Boston Creek Road		1,599.18	1,599.18
Charlton-Elk Lake Road		3,280.00	3,280.00
Gowganda Road		6,844.55	6,844.55
Ashley Road		3,884.55	3,884.55
Old Highway No. 11 (from New Highway No. 11 at Nine Mile Corner to McCool-Earlton Road)		238.21	238.21

District	Construction	Maintenance	Total
Temiskaming:- (Con't)			
Township Roads—			
Lorrain Township		282.40	282.40
Ingram "		2,019.05	2,019.05
Pense "		365.44	365.44
Marter "		2,452.51	2,452.51
Pacaud "		180.19	180.19
Catherine "		308.45	308.45
Robillard "	430.96	1,471.73	1,902.69
Sharpe "		284.76	284.76
Savard "		1,432.64	1,432.64
Bryce "		578.39	578.39
Beauchamp "		810.37	810.37
Henwood "		2,438.57	2,438.57
Cane "		1,671.49	1,671.49
Barber "		309.79	309.79
Tudhope "		205.20	205.20
Marquis "		1,044.90	1,044.90
Otto "		2,454.21	2,454.21
Eby "	3,185.42	1,875.13	5,060.55
Lundy "	297.69	156.10	453.79
Blain "	1,384.14		1,384.14
Cairo "		381.59	381.59
South Lorrain "		450.89	450.89
Skead "		12.50	12.50
Coleman "		1.38	1.38
Dymond "	7,775.97		7,775.97
Casey "		20.54	20.54
Harley "	7,775.97		7,775.97
Brethour "		51.85	51.85
	$1,497,915.87	$ 222,834.44	$1,720,750.31
DISTRICT OF SOUTH COCHRANE:—			
Highway No. 11	$ 2,242.32	$ 95,100.65	$ 97,342.97
" No. 66	9,725.42	66,449.36	76,174.78
" No. 67	19,205.90	52,392.66	71,598.56
Secondary Roads—			
Highway No. 66 to Alschaback Mine		917.82	917.82
One mile east of Matheson-Ramore-Ross Mine Road		843.57	843.57
Matheson-Amca Mine		1,963.86	1,963.86
Matheson-Pamour Road	657,163.00	5,787.04	662,950.04
Highway 67 east of Barber's Bay-Matheson-Pamour Road		1,915.76	1,915.76
Shillington-Highway No. 67 at Ansonville		2,232.20	2,232.20
Highway 67A-Naybob, Delnite, Annor and Disantes Mines		1,014.19	1,014.19
Timmins-Dome Mine Road		15,164.18	15,164.18
Timmins West Road		2,552.90	2,552.90
Bidgood Road		155.30	155.30
Sesekinika Road		121.08	121.08
Ross Mine Road	5,782.56	3,618.92	9,401.48
Coulson Road		2,268.04	2,268.04

District	Construction	Maintenance	Total
South Cochrane:- (Con't)			
Township Roads—			
Beatty Township		276.87	276.87
Benoit "		265.54	265.54
Bond "		156.92	156.92
Bowman "		476.14	476.14
Carr "		654.03	654.03
Clergue "		807.99	807.99
Currie "		883.56	883.56
Deloro "		67.10	67.10
Dundonald "		313.49	313.49
Garrison "		147.12	147.12
Gauthier "		33.73	33.73
German "		497.69	497.69
Grenfell "		5.50	5.50
Hislopp "		1,900.83	1,900.83
Matheson "		213.70	213.70
McGarry "		942.52	942.52
McVittie "		179.95	179.95
Mountjoy "	11,772.02	868.15	12,640.17
Ogden "		82.06	82.06
Shaw "		986.08	986.08
Stock "		1,384.26	1,384.26
Taylor "		1,692.57	1,692.57
Walker "		759.90	759.90
Wilkie "		5.71	5.71
	$ 705,891.22	$ 266,098.94	$ 971,990.16
DISTRICT OF NORTH COCHRANE:—			
Highway No. 11	$ 557,233.78	$ 83,609.91	$ 640,843.69
" No. 67	7,036.32	4,483.68	11,520.00
Secondary Roads—			
Iroquois Falls-Monteith Road		913.40	913.40
Iroquois Falls-Nellie Lake Road		969.20	969.20
Cochrane-Norembega Road		7,438.07	7,438.07
Cochrane-Gardiner Road	921.40	2,417.87	3,339.27
Remi Lake Road		1,024.24	1,024.24
Casgrain Lake Road		1,574.75	1,574.75
Hearst-Ryland Road	1,879.55	895.22	2,774.77
Hearst-Coppell Road	5,371.94	4,887.77	10,259.71
Township Roads—			
Pyne Township		1,005.15	1,005.15
Fox "		1,452.08	1,452.08
Kennedy "		534.90	534.90
McCart "	891.85	429.37	1,321.22
New Market "	3,434.80	593.39	4,028.19
Brower "	438.35	637.25	1,075.60
Glackmeyer "		365.45	365.45
Blount "		414.45	414.45
Mamarche "	356.00	684.94	1,040.94
Fournier "	1,283.65	1,593.15	2,876.80
Clute "		1,808.40	1,808.40
Leitch "	631.20	1,292.20	1,923.40
Calder "	503.65	1,067.45	1,571.10
Colquhoun "		79.60	79.60
Kennedy "		511.19	511.19
Haggart "	1,514.70	419.00	1,933.70
Shackleton "	3,872.00	1,645.03	5,517.03
Nansen "		721.73	721.73
Machin "	630.80		630.80
Fauquier "	3,417.80	884.93	4,302.73

District	Construction	Maintenance	Total
Township Roadf Con't.—			
O'Brien "	2,208.00	3,279.47	5,487.47
Owens "	2,276.78	1,919.07	4,195.85
Williamson "		610.44	610.44
Idington "		427.60	427.60
McCrea "	2,254.91	612.43	2,867.34
McGowan "		97.95	97.95
Barker "		104.30	104.30
Eilber "		289.30	289.30
Devitt "	640.00	1,230.05	1,870.05
Kendall "	1,673.75	2,019.61	3,693.36
Casgrain "	1,447.85	844.59	2,292.44
Lowther "		348.75	348.75
Way "	752.15	648.35	1,400.50
Hanlan "	2,429.70	2,386.11	4,815.81
	$ 603,100.93	$ 139,171.79	$ 742,272.72
DISTRICT OF SUDBURY:—			
Highway No. 17	$ 389,030.63	$ 69,515.93	$ 458,546.56
" No. 69	2,579.15	14,283.79	16,862.94
Secondary Roads—			
Sudbury-Coniston (Old Road)		2,233.52	2,233.52
Sudbury-Long Lake		8,293.17	8,293.17
Sudbury-Levack-Benny	20,637.62	35,960.43	56,598.05
Sudbury-Capreol-Milnet	4,546.15	18,709.49	23,255.64
Sudbury-Falconbridge	9,684.18	38,298.44	47,982.62
Garson-Skead		2,664.06	2,664.06
Sudbury-Frood		329.50	329.50
Copper Cliff-Creighton		31,362.61	31,362.61
Whitefish-Lake Penage	1,568.15	4,859.79	6,427.94
Creighton Road-Highway No. 17		888.11	888.11
Chapleau-Iron Bridge		551.10	551.10
Foleyet-Ivanhoe Lake		152.80	152.80
Hager, North	98.20	1,009.70	1,107.90
Chelmsford-Blezard		945.85	945.85
Township Roads—			
Loughrin Township	728.16	2,100.73	2,828.89
Street "		237.47	237.47
Awrey "		816.34	816.34
Dryden "		3,563.70	3,563.70
Cleland "		4,811.86	4,811.86
Broder "		3,899.30	3,899.30
Dill "		1,735.72	1,735.72
Burwash "		2,081.86	2,081.86
Secord "		324.20	324.20
Trill "		119.95	119.95
Snider "		670.74	670.74
Creighton "		653.76	653.76
Fairbank "		613.11	613.11
Ermatinger "		98.32	98.32
Hart "		32.40	32.40
Morgan "		427.75	427.75
Ulster "		76.00	76.00
Lumsden "		1,373.77	1,373.77
Capreol "		1,764.41	1,764.41
McLennan "		14.00	14.00
Falconbridge "		108.88	108.88
Hawley "		73.50	73.50

District	Construction	Maintenance	Total
Sudbury:- (Con't)			
Mining Roads—			
Westree-Houston Lake	....	2,734.72	2,734.72
Gogama-Three Duck Lake	490.50	....	490.50
	$ 429,362.74	$ 258,390.78	$ 687,753.52
District of Algoma-Manitoulin:—			
Highway No. 17	$ 39,535.22	$ 165,827.80	$ 205,363.02
" No. 68	11,940.35	28,709.63	40,649.98
Secondary Roads—			
Little Current-South Bay	....	10,498.00	10,498.00
Little Current-Meldrum Bay	....	27,994.06	27,994.06
Gore Bay-Providence Bay	....	2,469.97	2,469.97
West Bay-Mindemoya	....	16,351.31	16,351.31
Providence Bay-Tehkummah	....	1,649.86	1,649.86
Highway No. 68-Lake Penage	....	482.10	482.10
McKerrow-Webbwood (Old Road)	....	28.50	28.50
Massey-Ritchie Faces	....	2,356.50	2,356.50
Blind River-Lake Duborne	....	336.30	336.30
Blind River-Lake Matinenda	....	1,359.32	1,359.32
Iron Bridge-Aubrey Falls	....	17,146.86	17,146.86
White River Road	....	6,326.31	6,326.31
Thessalon-Wharancliffe	....	1,952.03	1,952.03
Bruce Mines-Dunn's Valley	....	4,652.92	4,652.92
St. Joseph Island Roads	....	37,757.45	37,757.45
Township Roads—			
Lorne Township	2,654.39	2,686.80	5,341.19
Louise "	....	1,689.25	1,689.25
Campbell "	1,009.32	594.34	1,603.66
Mills "	723.65	243.36	967.01
Dawson "	502.75	148.62	651.37
Robinson "	721.46	270.79	992.25
Mongowan "	139.72	59.88	199.60
Foster "	174.79	74.91	249.70
Merritt "	146.64	62.84	209.48
McKinnon "	....	66.00	66.00
Shakespeare "	397.50	190.85	588.35
Salter Broken Front "	172.48	76.92	249.40
Victoria "	696.33	320.89	1,017.22
Sheddon "	548.03	234.87	782.90
Striker "	613.76	268.14	881.90
Cobden "	153.79	....	153.79
Pattan "	26.53	11.37	37.90
Bright "	276.86	126.82	403.68
Gladstone "	349.79	154.91	504.70
Grassett "	54.32	23.28	77.60
Kirkwood "	56.70	24.30	81.00
Galbraith "	411.08	176.17	587.25
Rose "	141.05	81.15	222.20
Plummer "	934.05	393.10	1,327.15
Aberdeen "	1,365.63	519.21	1,884.84
Tehkummah "	....	55.20	55.20
Assiginack "	....	55.20	55.20
Indian Reserve Road—Massey to LaCloche Island	500.00	....	500.00
Manitoulin Island Indian Reserve	700.19	300.11	1,000.30
Timber Berth No. 11	111.55	47.80	159.35
	$ 65,057.93	$ 334,856.00	$ 399,913.93

District	Construction	Maintenance	Total
DISTRICT OF SAULT STE. MARIE:—			
Highway No. 17	$ 103,736.78	$ 77,645.61	$ 181,382.39
Secondary Roads—			
Sault Ste. Marie—Gros Cap		15,891.95	15,891.95
Highway No. 17—Point Aux Pins		2,179.30	2,179.30
Highway No. 17—Searchmont and Wabas		5,006.56	5,006.56
Highway No. 17—Bellevue		308.03	308.03
Highway No. 17—Goulais River		3,196.22	3,196.22
Hornepayne Roads	650.00	249.29	899.29
Michipicoten Roads		1,841.02	1,841.02
Goudreau—Lochalsh		958.21	958.21
Township Roads—			
Kehoe Township	212.97	91.27	304.24
Pennefather "	140.00	60.00	200.00
Fenwick "	275.59		275.59
Hodgins "	732.00	314.72	1,046.72
Gaudette "	219.24	93.97	313.21
Shields "	219.24	93.96	313.20
Mining Roads—			
Helen Mine Road	1,062.67		1,062.67
	$ 107,248.49	$ 107,930.11	$ 215,178.60
DISTRICT OF PORT ARTHUR:—			
Highway No. 11	$1,055,291.14	$ 44,853.22	$1,100,144.36
Highway No. 17	36,564.64	79,327.03	115,891.67
Highway No. 17A		7,629.24	7,629.24
Secondary Roads—			
Oliver Road	135.16	11,631.68	11,766.84
Dog Lake Road		4,688.84	4,688.84
Silver Island Road		3,161.75	3,161.75
Township Roads—			
Dawson Road Lots		2,777.77	2,777.77
Gorham Township		5,964.85	5,964.85
Ware "	25.00	4,393.57	4,418.57
Jacques "		1,676.66	1,676.66
Fowler "		106.90	106.90
Sibley "		1,035.84	1,035.84
Dorion "		3,111.57	3,111.57
Stirling "		1,198.06	1,198.06
Lyon "		868.04	868.04
Nakina "		1,191.79	1,191.79
Armstrong "		454.34	454.34
White River "		180.80	180.80
Mining Roads—			
Sand River Mining Road		102.83	102.83
Sturgeon River Mining Road		232.04	232.04
	$1,092,015.94	$ 174,586.82	$1,266,602.76
DISTRICT OF FORT WILLIAM:—			
Highway No. 17	$ 9,690.23	$ 94,089.72	$ 103,779.95
Highway No. 61	7,237.13	13,494.14	20,731.27
Secondary Roads—			
Silver Mountain Road	34.29	30,563.71	30,598.00
Kakabeka-Nolalu Road		4,428.11	4,428.11
Hymers-Scoble Road		7,547.63	7,547.63
Pearson-Pardee Loop		4,770.15	4,770.15
Kashabowie Road		1,937.27	1,937.27
Devon Road		1,148.19	1,148.19

District	Construction	Maintenance	Total
Fort William:- (Con't)			
Township Roads—			
Marks Township		2,233.26	2,233.26
Lybster "	6.55	2,360.83	2,367.38
Strange "		1,210.09	1,210.09
Devon "		1,312.56	1,312.56
Scoble "		4,111.58	4,111.58
Pearson "		3,096.46	3,096.46
Forbes "		2,472.10	2,472.10
Goldie "		934.94	934.94
Upsala "		2,567.11	2,567.11
Squaw Bay "		10.50	10.50
Mining Roads—			
Pickle Crow		300.00	300.00
	$ 16,968.20	$ 178,588.35	$ 195,556.55
DISTRICT OF KENORA:—			
Highway No. 17	$ 194,975.18	$ 172,875.87	$ 367,851.05
Highway No. 70	16,797.10	51,183.29	67,980.39
Highway No. 72	421.67	38,885.38	39,307.05
Secondary Roads—			
Dyment Road		160.77	160.77
Rice Lake Loop Road		2,557.11	2,557.11
Richan Road	3,366.55	4,239.79	7,606.34
Eton-Rugby Road	10,648.96	2,726.85	13,375.81
South Aubrey Road	10,804.27	3,145.37	13,949.64
Quibell Road	.40	5,573.90	5,574.30
East Melick	632.60	4,212.67	4,845.27
Rabbit Lake Road	23.24	1,429.90	1,453.14
Redditt Road	3.85	8,681.57	8,685.42
Pellatt Loop Road	4,089.26	3,862.22	8,051.48
Township Roads—			
Melgund Township	8.94	1,417.29	1,426.23
Southworth "	152.38	552.60	704.98
Hartman "		62.30	62.30
Drayton "		46.84	46.84
Vermilion Additional "		121.28	121.28
Zealand "		2,397.95	2,397.95
Zealand Additional "		1,743.29	1,743.29
Wainwright "		1,206.31	1,206.31
Britton "	5,671.20	717.74	6,388.94
Rowell "		845.03	845.03
Aubrey East "	3,460.64	758.53	4,219.17
Eton "	289.85	1,793.74	2,083.59
Rugby "	289.58	826.77	1,116.36
Mutrie "	4.04	1,572.11	1,576.15
Wabigoon "		2,809.95	2,809.95
Redvers "		327.73	327.73
Smellie "		41.95	41.95
Pellatt "		1,717.44	1,717.44
Unorganized Territory South of Pellatt		1,152.22	1,152.22
Umbach Township		61.24	61.24
Van Horne "	1,148.95		1,148.95
Sanford "	10,448.97		10,448.97
Mining Roads—			
Minnehaha-Goldrock	2,774.64		2,774.64
Goldpines-Uchi	15,430.81		15,430.81
	$ 281,443.08	$ 319,807.00	$ 601,250.08

District	Construction	Maintenance	Total
District of Rainy River:—			
Highway No. 70	$ 245,539.48	$ 42,294.80	$ 287,834.28
Highway No. 70A	....	14,762.06	14,762.06
Highway No. 71	2,058.15	60,411.90	62,470.05
Secondary Roads—			
Crozier Road	....	1,301.97	1,301.97
Devlin Road	....	13,090.75	13,090.75
Clearwater Lake Road	....	1,203.60	1,203.60
Stratton Road	....	12,822.79	12,822.79
Arbor Vitae Road	....	7,132.90	7,132.90
Sleeman Road	....	9,472.42	9,472.42
Spohn Dearlock Road	10,466.40	23,048.99	33,515.39
River Road	4,416.20	14,486.35	18,902.55
Township Roads—			
Miscampbell Township	....	1,603.57	1,603.57
Dance "	....	980.11	980.11
Kingsford "	....	1,435.73	1,435.73
Sifton "	....	718.55	718.55
Dewart "	....	896.06	896.06
Sutherland "	....	552.30	552.30
Nelles "	2,573.42	925.65	3,499.07
Pratt "	....	34.00	34.00
Spohn "	....	868.97	868.97
	$ 265,053.65	$ 208,043.47	$ 473,097.12
Stock	24,266.39	59,570.01	83,836.40
Lands and Buildings	52,461.97	19,804.26	72,266.23
Division Offices' Expense	....	171,959.38	171,959.38
GRAND TOTAL	$12,825,432.17	$7,196,862.37	$20,022,294.54

APPENDIX No. 2
GROSS EXPENDITURE BY ROADS
April 1st, 1940, to March 31st, 1941

Highway No.	Location	Mileage	Construction	Maintenance	Total
2	Windsor-Quebec Boundary	541.1	$ 377,569.53	$ 431,372.54	$ 808,942.07
2B	Highway No. 2 (Howard Avenue to Highway No. 3 (Dougall Avenue)	5.89		206.25	206.25
3	Windsor-Fort Erie	260.	28,366.83	109,885.07	138,251.90
3A	Chambers Corners-St. Catherines	19.8		5,113.87	5,113.87
3B	Junction Highway No. 3-Windsor	6.		3,108.17	3,108.17
3C	Ridgeway-Fort Erie	7.5		4,043.51	4,043.51
4	Port Stanley-Flesherton	155.5	18,039.51	78,376.21	96,415.72
5	Toronto-Paris	64.1	6,711.18	33,126.87	39,838.05
5A	Leaside-Kingston Road	8.4	3,711.98	16,434.60	20,146.58
6	Port Dover-Tobermory	225.1	30,233.72	129,841.12	160,074.84
7	Sarnia-Ottawa	465.	60,464.52	203,187.05	263,651.57
7A	Manchester-Peterborough	42.	7,823.86	19,542.64	27,366.50
8	Niagara Falls-Goderich	155.7	21,531.09	108,763.77	130,294.86
8A	St. David-Niagara Falls	2.96		1,753.04	1,753.04
8D	Dundas Diversion-Junction Highway No. 2	2.		2,537.55	2,537.55
9	Schomberg-Kincardine	112.8	5,594.42	41,899.29	47,493.71
10	Port Credit-Owen Sound	105.	1,031.81	43,569.63	44,601.44
11	Toronto-Hearst-Geralton-Nipigon	886.4	3,477,340.13	736,696.62	4,214,036.75
12	Whitley-Midland	97.7	2,200.71	82,193.65	84,394.36
14	Picton-Marmora	51.4	40,707.92	41,170.84	81,878.76
15	Ottawa-Kingston	131.	43.53	48,637.41	48,680.94
16	Ottawa-Prescott	62.3	1,202.37	25,910.25	27,112.62
17	Quebec Bdry. to Montreal River and Schreiber to Manitoba Bdry	1133.7	804,091.17	911,415.07	1,715,506.24
17A	Port Arthur-Highway No. 17	21.		7,629.24	7,629.24
18	Leamington-Windsor	49.	8,108.92	17,142.14	25,251.06
18A	Kingsville-Highway No. 18	18.		14,813.59	14,813.59
18B	Ruthven-Highway No. 18	1.		1,595.22	1,595.22
19	Port Burwell-Tralee	92.2	864.57	49,544.65	50,409.22
20	Niagara Falls-Burlington	53.3	9,813.19	40,659.30	50,472.49
20A	Highway No. 20 to Hamilton	1.36		915.98	915.98
21	Morpeth-Owen Sound	207.	23,627.41	144,642.82	168,270.23
22	London-Sarnia	66.8		10,162.27	10,162.27
23	London-Arthur	86.3	11,815.72	33,206.65	45,022.37
24	Port Dover-Collingwood	143.4	3,620.01	65,610.75	69,230.76
24A	Paris-Galt	13.1	45.00	4,358.64	4,403.64
25	Burlington-Acton	29.8		14,457.52	14,457.52
26	Barrie-Owen Sound	74.6	541.20	35,865.26	36,406.46
27	Long Branch-Midland-Penetang	91.8	977.41	96,595.74	97,573.15
28	Port Hope-Apsley	67.9	3,577.67	77,383.99	80,961.66
29	Brockville-Arnprior	76.4	118.80	41,986.28	42,105.08
30	Brighton-Havelock	32.	1,499.63	28,684.88	30,184.51
31	Morrisburg-Ottawa	48.4	5,334.47	26,839.28	32,173.75
32	Gananoque-Smith's Falls	47.9		14,697.37	14,697.37
33	Marmora-Trenton-Kingston	101.3	381.99	51,698.21	52,080.20
34	Lancaster-Hawkesbury	38.1	1,491.54	13,207.00	14,698.54
35	Newcastle-Huntsville	144.2	15,142.56	143,290.68	158,433.24
36	Lindsay-Burleigh Falls	47.5	2,231.14	18,544.66	20,775.80
37	Belleville-Actinolite	29.3	2,518.58	23,159.61	25,678.19
38	Kingston-Sharbot Lake	47.1	4,095.54	29,604.98	33,700.52
39	Windsor-Belle River	21.5	102.49	5,622.78	5,725.27
40	Sarnia-Chatham	50.1	873.93	28,025.49	28,899.42

APPENDIX No. 2

GROSS EXPENDITURE BY ROADS

April 1st, 1940, to March 31st, 1941

Highway No.	Location	Mileage	Construction	Maintenance	Total
41	Picton-Golden Lake	140.6	17,162.04	66,520.65	83,682.69
42	Brockville-West Port	43.	78.50	6,094.73	6,173.23
43	Alexandria-Winchester	40.4	44,303.47	29,419.55	73,723.02
44	Almonte-Carp	14.	....	10,947.00	10,947.00
45	Cobourg-Norwood	33.	300.80	19,851.29	20,152.09
46	Highway No. 7-Coboconk	34.	944.94	24,268.08	25,213.02
47	Highway No. 12-Stouffville	19.	19,365.73	26,609.41	45,975.14
48	Port Bolster-Beaverton	6.	....	17,016.33	17,016.33
49	Kleinburg-Highway No. 50	3.5	....	1,268.22	1,268.22
50	Highway No. 7-Highway No. 9 via Bolton	18.	302.05	12,097.46	12,399.51
51	Highway No. 24-Highway No. 10-Caledon	2.5	....	1,608.37	1,608.37
52	Wentworth Cty. Line-Highway No. 2	18.5	1,536.53	10,496.39	12,032.92
53	Woodstock-Highway No. 20	53.7	271.15	28,130.63	28,401.78
54	Cainsville-Cayuga	27.	....	27,963.28	27,963.28
55	Highway No. 53-Hamilton	4.	....	1,624.46	1,624.46
56	Junction Highway No. 53 and No. 20-Canfield	15.5	....	9,710.61	9,710.61
57	Bismark-Highway No. 3A	9.	3,976.91	11,266.48	15,243.39
58	Welland-Humberstone	6.5	....	9,090.26	9,090,26
59	Woodstock-Delhi	26.5	....	20,228.25	20,228.25
60	Huntsville-Lake Dore	133.7	58,439.48	101,954.79	160,394.27
61	Fort William-U. S. Boundary	40.	7,237.13	13,494.14	20,731.27
62	Madoc-Pembroke	135.	97.88	53,491.17	53,589.05
63	North Bay-Temiskaming	41.	5,472.88	32,484.98	37,957.86
64	Sturgeon Falls-Martin River	34.6	(Cr.) 2,426.32	7,714.20	5,287.88
65	New Liskeard-Matachewan	66.7	427.52	59,594.90	60,022.42
66	Swastola-Quebec Boundary	33.7	9,725.42	66,449.36	76,174.78
67	Iroquois Falls-Timmins	43.6	26,242.22	56,876.34	83,118.56
68	McKerrow-Little Current	38.	11,940.35	28,709.63	40,649.98
69	Atherly-Britt	112.	19,781.36	164,493.17	184,274.53
70	Kenora-Fort Frances	143.	262,336.58	93,478.09	355,814.67
70A	Barwick to Junction Hy. No. 70	14.	....	14,762.06	14,762.06
71	Fort Frances-Rainy River	60.	2,058.15	60,411.90	62,470.05
72	Dinorwic-Sioux Lookout-Hudson	52.5	421.67	38,885.38	39,307.05
73	Port Bruce-Dorchester Rd.	23.	733.10	16,383.97	17,117.07
74	New Sarum-Nilestown	14.	44.98	9,580.98	9,625.96
75	Wallacetown-Dutton	2.5	....	612.00	612.00
76	Eagle-West Lorne	3.5	....	612.00	612.00
77	New Glasgow-Rodney	4.	....	715.56	715.56
78	Wallaceburg-Dresden	10.5	....	2,505.43	2,505.43
79	Highway No. 2-Watford	25.5	10.17	12,964.01	12,974.18
80	Highway No. 2-Alvinston	13.	....	7,300.89	7,300.89
81	Delaware-Grand Bend	44.	....	20,373.73	20,373.73
82	Highway No. 7-Port Franks	7.	20.04	4,767.52	4,787.56
83	Highway No. 21-Highway No. 23 via Dashwood	24.	....	14,229.77	14,229.77
84	St. Joseph-Hensall	10.5	4.10	8,757.85	8,761.95

APPENDIX No. 2

GROSS EXPENDITURE BY ROADS

April 1st, 1940, to March 31st, 1941

Highway No.	Location	Mileade	Construction	Maintenance	Total
85	Kitchener-Elmira	12.	82.96	6,267.10	6,350.06
86	Amberley-Highway No. 7	79.	83.80	48,027.16	48,110.96
87	Bluevale-Harriston	19.5		12,503.86	12,503.86
88	Bondhead-Bradford	6.		6,002.65	6,002.65
89	Primrose-Cookstown	23.5	15.00	16,157.94	16,172.94
90	Angus-Allandale	11.	34,690.53	10,730.54	45,421.07
91	Duntroon-Stayner	5.2		2,230.17	2,230.17
92	Elmvale-Wasaga Beach	9.		12,177.97	12,177.97
93	Crown Hill-Waverley	17.5	879.55	18,490.29	19,369.84
94	Callander-Highway No. 17	6.5	11.05	4,398.74	4,409.79
95	Wolfe Island, North and South	7.		2,223.35	2,223.35
96	Wolfe Island, East and West	20.	258.90	7,202.17	7,461.07
97	Hickson-Freelton	44.5		24,748.21	24,748.21
98	Windsor-Tilbury	34.5	10,076.97	10,799.82	20,876.79
98A	Six Corners, Highway No. 98 to Maidstone, Highway No. 3	1.1		188.89	188.89
99	Dundas to Junction Hys. No. 58 and No. 24	16.5		13,233.44	13,233.44
	Queen Elizabeth Way		5,265,355.06	191,042.82	5,456,397.88
	Blue Lake Road			1,019.13	1,019.13
	Silver Street			1,981.65	1,981.65
	St. Thomas Entrance			66.85	66.85
	Pelee Island			1,765.90	1,765.90
	St. Lawrence River Road		316,376.91	12,082.58	328,459.49
	Governors Road			5,971.25	5,971.25
	Princeton North Road			587.56	587.56
	Thamesford Road		5.62	1,304.02	1,309.64
	Belles Rapids Road		16,552.84		16,552.84
	Highway No. 17 to Douglas and Eganville			9,648.02	9,648.02
	Niagara Bridge Approach		641,708.66	36.55	641,745.21
	Long Point Park Road		6,299.36	398.92	6,698.28
	Rondeau Park Roads		7,578.27	1,869.46	9,447.73
	TOTAL KING'S HIGHWAYS		$11,774,230.36	$5,767,702.28	$17,541,932.64
	Total Secondary Roads, see Appendix No. 1 for details		833,112.45	957,467.94	1,790,580.39
	Total Township Roads, see Appendix No. 1 for details		120,504.17	207,646.12	328,150.29
	Total Mining Roads, see Appendix No. 1 for details		20,856.83	3,369.59	24,226.42
	Total Connecting Links, see Appendix No. 1 for details			9,342.79	9,342.79
	Total Lands and Buildings		52,461.97	19,804.26	72,266.23
	Total Stock		24,266.39	59,570.01	83,836.40
	Total Division Offices Expense			171,959.38	171,959.38
			$12,825,432.17	$7,196,862.37	$20,022,294.54

APPENDIX No. 3

SCHEDULE OF ASSUMPTIONS AND REVERSIONS OF SECTIONS OF THE KING'S HIGHWAY SYSTEM FOR THE FISCAL YEAR ENDING MARCH 31st, 1941.

During the year the system was extended by assuming 53.26 miles, less 9.23 miles reverted, making a total assumed of 7313.11 miles. A list of the roads added to the system, together with the mileage and date of designation, also a list of roads and mileages reverted from the system is as follows:

The King's Highways Assumed Between March 31st, 1940, and March 31st, 1941.

District or County	Location of Road	Assumed Date	Miles
Cochrane	Shillington-Hoyle Road	June 26, 1940	31.00
Dufferin	Orangeville Town	May 15, 1940	0.20
Huron	Goderich Town	Apr. 10, 1940	0.30
Nipissing	East Ferris Township	Nov. 27, 1940	5.70
Ontario	Scugog Township	May 1, 1940	0.46
Oxford	Nissouri E. Township	Jan. 15, 1941	14.25
Perth	Blanshard Township	Jan. 15, 1941	1.35
			53.26

Reversions in Fiscal Year Ending March 31st, 1941

Bruce	Bruce and Saugeen Townships	Dec. 17, 1940	0.82
Bruce	Bruce Township	Dec. 17, 1940	0.62
Bruce	Amabel Township	Dec. 17, 1940	0.40
Dundas	Williamsburg Township	June 21, 1940	0.45
Grey	Sydenham Township	Dec. 17, 1940	0.10
Halton	Trafalgar Township	Jan. 31, 1941	0.50
Hastings	Madoc Township	Apr. 27, 1940	0.83
Middlesex	Caradoc Township	Mar. 29, 1941	1.33
Norfolk	Windham and Middleton Townships	Jan. 26, 1941	0.40
Ontario	Scugog Township	May 20, 1940	0.50
Simcoe	Angus Village	Aug. 9, 1940	0.40
Welland	Stamford Township	Dec. 17, 1940	0.18
York	Eglinton Avenue	Nov. 11, 1940	2.70
			9.23

BRIDGES COMPLETED ON THE

APPENDIX

Name	Type	Span	Road
Aidie Creek No. 5	Native Timber Truss	1 at 30′, 2 at 15′	Townline Chamberlain-Pacaud
Bang Bridge	Timber Truss	1 at 30′	404 North Branch-Arbor Vitae
Beach's Bridge	Steel Beams on Piles	3 at 20′	Township Road
Big Cache Creek	Timber Pile Trestle	3 at 15′	17 North Bay-Hagar.
Booth's Bridge	Timber Pile Bents	4 at 15′	Unorganized Twp..
Brown's Line Underpass	Concrete Rigid Frame	2 at 47′ 5″	Queen Elizabeth Way
Chartrand Bridge	Timber Pile Trestle	5 at 15′	Noelville-Manetville
Coldwater River Fish Hatchery Bridge	Native Timber Truss on Pile Bents	1 at 56′, 2 at 16′	Hy. No. 17 to Dorion
Cuckoo Creek No. 3	Timber	4 at 15′	
Dunchurch Village Extension	Concrete Rigid Frame	1 at 30′	Burk's Falls-Parry Sound
Edmond's Bridge Clearwater Creek	Native Timber Truss on Timber Cribs	1 at 30′	Hy. No. 17 to Dorion
Fauquier-Machin Bdy. No. 1	Timber	1 at 30′, 2 at 15′	
Fauquier-Machin Bdy. No. 2	Timber	1 at 30′	
Fauquier-Machin Bdy. No. 3	Timber	4 at 20′, 4 at 15′	
Forsythe Bridge	Timber Pile Trestle	1 at 29′, 2 at 15′	202 Devlin-Dance
Fort Erie Overhead South Structure	Concrete Flat Slab	10′, 28′, 34′, 28′, 10′	Queen Elizabeth Way
Garden River Bridge	Steel Truss—Deck Type Steel Beam Approach Spans	40′, 80′, 80′, 40′	17 Sudbury-Sault Ste. Marie
Hagar Township Overhead	Concrete Rigid Frame and Concrete Beam and Slab	17 Panels at 32′	17 Sudbury-Hagar
Hanlan and Casgrain Bdy	Timber	3 at 15′	
Hodgin's Bridge	Timber Pile Bents	2 at 20′	Unorganized Twp..
Howell Bridge	Timber Pile Trestle	3 at 15′	208 Pinewood-Morsson.
Hydro Canal-West Bridge	Steel Beam	62′, 80′, 62′	Niagara Falls Entrance
Jones Creek	Steel Truss—Low. Dual Bridges	1 at 100′	River Road

KING'S HIGHWAY DURING 1940

No. 4

Township	Lot	Con.	County or District	Div. No.
Chamberlain-Pacaud	4	VI–I	Timiskaming	14
Sifton	10–11	IV	Rainy River	21
Kerns	6	I–II	Timiskaming	14
Springer	13	I–II	Nipissing	13
Gurd	3	III	Parry Sound	12
Etobicoke	10–11	III	York	6
Martland	7–8	III	Sudbury	13
Dorion	10	III–IV	Thunder Bay	19
Lowther	18–19	XI	Cochrane	16
Hagerman	60	A–B	Parry Sound	12
Dorion	13–14	V	Thunder Bay	19
Fauquier-Machin		II	Cochrane	16
Fauquier-Machin		III	Cochrane	16
Fauquier-Machin		IV	Cochrane	16
Burriss	8–9	V	Rainy River	21
Bertie	2	II, NR	Welland	4
Garden River Indian Reserve			Algoma	18
Hagar	14	IV	Sudbury	17
Hanlan-Casgrain		III	Cochrane	16
Pringle	35	II	Parry Sound	12
Nelles	Section 14–15		Rainy River	21
Stamford	124–	125	Welland	4
Yonge	5	BF	Leeds	8

BRIDGES COMPLETED ON THE

APPENDIX

Name	Type	Span	Road
Kendall and Way Bdy.	Timber	3 at 15′	Hearst-Coppell
Lakeshore Road Overpass	Steel Rigid Frame and Concrete Beam and Slab.	44′, 66′, 92′, 66′, 66′, 44′, 35′, 35′	Queen Elizabeth Way
Landon's Bay Bridge	Steel Truss—Low. Dual Bridges	1 at 98′	River Road 17
Little Cashe Creek	Timber Pile Trestle	3 at 15′	North Bay-Hagar
Lundy's Lane. C. N. R. Overhead	Concrete Flat Slab Cantilever End Spans	10′, 30′, 39′, 30′, 10′	Queen Elizabeth Way
Lundy's Lane Underpass	Concrete Rigid Frame	2 at 50′ 9″	Queen Elizabeth Way
McFarlanes Bridge No. 1	Native Timber—Pile Trestle	3 at 15′	Township Road
McFarlanes Bridge No. 2	Native Timber—Pile Trestle	3 at 15′	Township Road
Marten Lake	Steel Truss—Low; Steel Beam Approach Spans.	28′, 100′, 25′	11
Nansen Twp. No. 1	Timber	1 at 24′	Township Road
Nansen Twp. No. 2	Timber	1 at 25′, 3 at 16′	Township Road
Pine River Bridge No. 5	Steel Beams on Timber Piles	36′, 54′, 36′	90
Pine River Bridge No. 7. Town Line Bridge	Native Timber Truss on Rock-filled Cribs	1 at 60′	Hy. No. 61 to Pearson
Prabiska Creek No. 1	Timber	1 at 32′, 1 at 15′	Hearst-Lac Ste. Therese
Prabiska Creek No. 2	Timber	1 at 28′, 2 at 15′	Hearst-Lac Ste. Therese
Prabiska Creek No. 3	Timber	1 at 20′, 2 at 15′	
Salisbury Avenue Overpass	Concrete Rigid Frame Dual Bridges	1 at 44′ 9″	Queen Elizabeth Way
Solomon Creek	Concrete Rigid Frame	1 at 40′	11
South River	Steel Truss—Low. Steel Beam Approach Spans.	25′, 90′, 25′	Trout Creek-Loring
Toronto Entrance C.N.R. Overhead	Steel Rigid Frame and Concrete Beam and Slab. Dual Bridges	67′, 67′, 75′, 121′6″ 75′, 64′, 64′, 64′, 51′, 51′, 51′	Queen Elizabeth Way
Thorold Road Underpass	Concrete Rigid Frame	2 at 50′9″	Queen Elizabeth Way
Vargus Bridge	Timber Pile Trestle	2 at 15′	407
Wicklow River No. 6	Timber	2 at 15′	
Wilson Lake	Timber	11 at 15′	
Youngberg Bridge	Timber Pile Trestle	6 at 15′, 1 at 29′	207 Rainy River-Black Hawk

KING'S HIGHWAY DURING 1940

No. 4

Township	Lot	Con.	County or District	Div. No.
Kendall-Way		IX	Cochrane	16
Etobicoke			York	6
Lansdowne	6-7	I	Leeds	8
Springer	11	I-II	Nipissing	13
Stamford	106-115		Welland	4
Stamford	132-141		Welland	4
Ingram	2	II-III	Timiskaming	14
Ingram	2	II-III	Timiskaming	14
Sisk			Nipissing	13
Nansen	I	XI	Cochrane	16
Nansen	6	XII	Cochrane	16
Essa	30	II	Simcoe	6
Pearson	10	I	Thunder Bay	19
Casgrain	24-25	IV	Cochrane	16
Casgrain	24-25	VI	Cochrane	16
Hanlan-Casgrain		II	Cochrane	16
Etobicoke			York	6
Idington	8	VII	Cochrane	16
S. Himsworth	31	III	Parry Sound	12
Etobicoke			York	6
Stamford	71-79		Welland	4
Nelles	Sectio	n 13-14	Rainy River	21
Newmarket	6	IV-V	Cochrane	16
McCart	1	II-III	Cochrane	16
McCrosson	1	II-III	Rainy River	21

APPENDIX No. 5

GROWTH OF COUNTY ROAD EXPENDITURES AND PROVINCIAL GRANTS

Year Work Was Done	Number of Counties	Expenditure	Government Grants
1903	4	$ 166,149.06	$ 55,383.02
1904	7	291,085.42	97,028.48
1905	6	179,593.62	59,864.53
1906	8	247,102.37	82,367.45
1907	14	383,518.86	127,839.62
1908	15	429,393.57	143,131.16
1909	16	440,374.08	146,791.36
1910	17	553,312.61	184,437.54
1911	19	712,072.52	237,357.50
1912	20	898,631.18	299,543.69
1913	20	847,684.15	282,561.35
1914	20	785,521.93	261,840.61
1915	20	811,540.05	270,513.34
1916	21	955,447.19	327,663.76
1917	30	1,388,341.87	483,621.32
1918	36	2,226,899.70	815,440.01
1919	37	5,714,937.19	2,623,719.24
1920	37	7,956,863.72	3,626,418.08
1921	37	11,078,288.39	5,119,882.26
1922	37	9,162,491.79	4,258,339.83
1923	37	7,403,509.96	3,418,523.07
1924	37	6,861,451.62	3,214,321.50
1925	37	6,608,431.04	3,222,678.10
1926	37	5,838,445.12	2,913,660.96
1927	37	7,424,464.85	3,706,719.88
1928	37	8,784,420.42	4,360,222.86
1929	37	9,212,758.04	4,591,110.16
1930	37	8,929,424.27	4,463,527.11
1931	37	7,265,350.65	3,625,860.66
1932	37	4,214,410.70	2,106,457.18
1933	37	3,058,622.91	1,529,228.37
1934	37	3,391,768.96	1,695,291.35
1935	37	3,107,215.32	1,553,273.39
1936	37	3,438,188.53	1,718,944.63
1937	37	4,062,753.39	2,031,372.49
1938	37	4,686,333.38	2,342,971.65
1939	37	4,775,109.01	2,387,240.73
1940	37	4,496,702.25	2,247,977.06
Totals to Date		$ 148,788,609.69	$ 70,633,125.30

APPENDIX No. 6

COUNTY ROAD MILEACE AND EXPENDITURE

From Inception of County Road Systems to December 31st, 1940. Provincial Subsidies on 1940 Expenditures Being Paid in 1941.

County	Year of Establishment of System	Road Mileages			Total Approved Expenditure to end of 1940	Total Government Grant
		County Roads	County Suburban Roads	Total		
Brant	1917	73.6	26.4	100.0	$ 2,707,597.69	$1,345,564.69
Bruce	1917	275.7	....	275.7	3,908,895.11	1,944,426.80
Carleton	1910	144.0	90.0	234.0	7,493,138.13	3,539,491.38
Dufferin	1918	160.5	....	160.5	1,550,633.06	738,349.44
Elgin	1917	193.2	18.3	211.5	2,916,450.40	1,382,510.82
Essex	1916	209.0	37.5	246.5	6,502,908.66	3,195,842.58
Frontenac	1907	137.7	29.2	166.9	1,840,677.15	854,329.57
Grey	1918	307.6	32.5	340.1	3,909,036.13	1,931,641.20
Haldimand	1912	153.1	....	153.1	2,989,679.57	1,393,499.37
Halton	1907	137.0	....	137.0	2,601,207.93	1,204,658.55
Hastings	1904	278.0	....	278.0	3,719,568.12	1,732,643.51
Huron	1917	369.3	....	369.3	3,385,280.23	1,629,374.86
Kent	1917	290.1	9.5	299.6	5,584,033.52	2,788,348.49
Lambton	1918	210.7	14.5	225.2	2,961,785.54	1,431,895.18
Lanark	1903	224.9	6.0	230.9	3,044,910.98	1,444,541.75
Leeds and Grenville	1910	245.1	11.3	256.4	4,174,488.36	1,940,536.85
Lennox and Addington	1906	123.5	....	123.5	2,797,965.83	1,353,658.62
Lincoln	1904	135.2	12.3	147.5	4,512,380.27	1,993,003.29
Middlesex	1906	423.6	54.1	477.7	4,805,787.92	2,218,583.79
Norfolk	1917	199.8	....	199.8	4,019,560.58	1,924,107.10
Northumberland and Durham	1918	228.8	....	228.8	3,459,380.12	1,701,404.35
Ontario	1918	185.0	16.2	201.2	2,453,123.43	1,192,927.67
Oxford	1904–7	184.8	3.9	188.7	3,493,755.67	1,574,179.56
Peel	1907	120.4	....	120.4	2,870,026.78	1,296,895.46
Perth	1907	164.7	7.5	172.2	2,015,715.13	922,897.68
Peterboro	1919	129.8	58.3	188.1	1,412,094.96	681,407.12
Prescott and Russell	1917	280.4	....	280.4	4,630,025.65	2,087,566.74
Prince Edward	1907	176.8	....	176.8	2,300,517.07	1,061,280.73
Renfrew	1918	211.0	....	211.0	3,458,678.69	1,685,543.47
Simcoe	1903	264.9	....	264.9	4,545,374.72	2,117,325.01
Stormont, Dundas and Glengarry	1917	463.3	....	463.3	6,239,225.45	3,046,090.60
Victoria	1917	171.1	....	171.1	2,919,137.46	1,448,582.98
Waterloo	1908	145.8	21.0	166.8	4,537,441.75	2,222,121.98
Welland	1912	101.2	16.9	118.1	5,130,623.02	2,385,959.74
Wellington	1903	322.3	23.5	345.8	4,297,068.90	2,021,935.11
Wentworth	1903	98.4	56.0	154.4	4,797,011.08	2,213,869.68
York	1911	101.8	241.2	343.0	14,803,424.63	6,986,129.58
TOTALS		7,642.1	786.1	8428.2	$148,788,609.69	$70,633,125.30

APPENDIX No. 7

SUMMARY, 1940 — WORK DONE ON COUNTY ROADS

Name of County	Miles of Road Surfaced					New Bridges	Pipe and Tile Culverts	Other Culverts
	Gravel or Stone	Surface Treated Gravel or Stone	Low-Cost Bituminous Surfaces	Mixed Macadam or Asphaltic Concrete	Cement Concrete			
Brant	4.5		5.0			1	5	
Bruce	8.0		11.0				16	11
Carleton	2.5		10.8	1.2		2	52	2
Dufferin	6.0					2	31	
Elgin			10.7			3	20	
Essex	6.0					2	20	3
Frontenac			5.0			1	5	
Grey	2.5		7.5			2	9	2
Haldimand						1	25	3
Halton			2.5				11	
Hastings	5.0	2.5	1.5			1	30	4
Huron	4.0		7.0			1	15	2
Kent			20.0		2.2	1	16	1
Lambton	5.5		7.2			3	16	1
Lanark			5.6				22	
Leeds and Grenville	5.3		15.6				17	10
Lennox and Addington								63
Lincoln			1.5			1	29	9
Middlesex			5.8			4	19	2
Norfolk	1.9		1.1				3	
Northumberland and Durham	6.5		1.2				90	8
Ontario	5.8		5.4				34	2
Oxford	12.6		10.2			3	34	2
Peel	0.7					1	11	3
Perth	1.8		6.7				3	
Peterboro	3.8		3.5			1	12	8
Prescott and Russell						1	15	1
Prince Edward	1.5		4.0			1	19	4
Renfrew	5.7					1	58	3
Simcoe	4.1		7.2			2	35	1
Stormont, Dundas and Glengarry			11.8					
Victoria	7.4		2.7				31	2
Waterloo		7.0	1.8				65	1
Welland	0.5			1.0		2	46	2
Wellington			0.5			1	20	4
Wentworth	1.8		4.5				38	2
York	8.7		4.0			7	258	4
TOTALS	112.1	9.5	181.3	2.2	2.2	45	1129	160

SUMMARY OF COUNTY
APPENDIX

Name of County	Roads		Bridges	
	Construction	Maintenance	Construction	Maintenance
Brant	$ 25,471.12	$ 38,481.10	$ 7,291.42	$ 120.05
Bruce (1939 Supplementary)	982.06	982.06		
1940	71,209.17	65,867.91		213.45
Carleton	81,098.18	71,449.99	5,933.40	980.55
Dufferin	5,409.43	27,436.38	1,759.76	45.30
Elgin	5,702.90	86,256.09	1,668.70	83.36
Essex	9,967.19	71,393.47	3,173.09	1,508.61
Frontenac	35,398.02	22,224.27	1,549.24	605.58
Grey	51,822.98	73,404.00	7,143.83	110.05
Haldimand	29,711.78	60,016.65	5,321.80	143.20
Halton	19,574.94	50,899.60		30.55
Hastings	20,521.82	49,683.80		508.21
Huron	48,031.95	79,218.22		882.92
Kent	201,092.28	57,470.79	8,489.84	1,383.78
Lambton	38,192.25	49,234.38	717.53	
Lanark	34,147.47	27,657.35		463.36
Leeds and Grenville	96,676.89	31,548.30		
Lennox and Addington		32,965.25		
Lincoln	19,622.60	55,512.47	1,318.39	319.40
Middlesex	13,082.63	118,762.84	1,505.77	1,604.86
Norfolk	14,339.67	117,821.14		97.91
Northumberland and Durham	24,197.54	58,572.79	889.26	857.98
Ontario	36,440.85	54,625.27		312.72
Oxford	83,828.63	53,379.89	14,278.88	3,693.80
Peel	4,781.58	63,592.57	1,416.71	1,160.51
Perth	24,560.21	33,285.84	4,935.00	382.27
Peterborough	30,297.34	28,926.74	3,415.36	3,322.53
Prescott and Russell	9,187.44	53,141.94	3,656.31	481.64
Prince Edward	28,494.94	29,272.82	2,102.20	168.94
Renfrew	28,446.26	44,511.86	4,751.73	203.81
Simcoe	42,983.42	53,514.93	3,901.26	320.32
Stormont, Dundas and Glengarry	61,777.19	116,365.79		1,320.58
Victoria (1940 Supplementary)		337.89		
" (1940 Ordinary)	34,244.62	41,468.40		382.38
Waterloo	37,977.46	79,447.17		266.05
Welland	53,932.89	47,770.53	1,444.59	160.30
Wellington	18,911.42	101,593.89	2,167.95	520.01
Wentworth	59,794.16	63,823.12		296.72
York	189,272.49	292,647.61	71,394.68	5,816.00
TOTALS	$ 1,591,183.77	$ 2,404,565.11	$ 160,226.70	$ 28,767.70

ROAD EXPENDITURES — 1940
No. 8

Miscellaneous		Approved Expenditure			Government Subsidy, 50%		
Construction	Maintenance	Construction	Maintenance	Total	Construction	Maintenance	Total
$ 1,345.83	$ 5,800.34	$ 34,108.37	$ 44,401.49	$ 78,509.86	$ 17,054.19	$ 22,200.74	$ 39,254.93
		982.06	982.06	1,964.12	491.03	491.03	982.06
	2,433.74	71,209.17	68,515.10	139,724.27	35,604.58	34,257.55	69,862.13
4,690.10	455.39	91,721.68	72,885.93	164,607.61	45,860.84	36,442.97	82,303.81
3,887.95		11,057.14	27,481.68	38,538.82	5,528.57	13,740.84	19,269.41
7,310.70	282.71	14,682.30	86,622.16	101,304.46	7,341.15	43,311.08	50,652.23
5,094.32	3,176.56	18,234.60	76,072.64	94,307.24	9,117.30	38,036.32	47,153.62
3,534.52		40,481.78	22,829.85	63,311.63	20,240.89	11,414.93	31,655.82
451.56	2,061.25	59,418.37	75,575.30	134,993.67	29,709.18	37,787.65	67,496.83
1,591.45	6,773.91	36,625.03	66,933.76	103,558.79	18,312.51	33,466.88	51,779.39
515.44		20,090.38	50,930.15	71,020.53	10,045.19	25,465.07	35,510.26
3,235.38		23,757.20	50,192.01	73,949.21	11,878.60	25,096.01	36,974.61
9,710.84	5,550.36	57,742.79	85,651.50	143,394.29	28,871.39	42,825.75	71,697.14
12,527.84	2,323.69	222,109.96	61,178.26	283,288.22	111,054.98	30,589.13	141,644.11
5,926.07	1,681.09	44,835.85	50,915.47	95,751.32	22,417.92	25,457.74	47,875.66
789.02	2,659.22	34,936.49	30,779.93	65,716.42	17,468.25	15,389.96	32,858.21
	767.16	96,676.89	32,315.46	128,992.35	48,338.45	16,157.73	64,496.18
	865.04		33,830.29	33,830.29		16,915.15	16,915.15
5,000.00	7,984.81	25,940.99	63,816.68	89,757.67	12,970.49	31,908.34	44,878.83
1,209.97	4,100.58	15,798.37	124,468.28	140,266.65	7,899.19	62,234.14	70,133.33
19,504.82		33,844.49	117,919.05	151,763.54	16,922.25	58,959.52	75,881.77
5,409.04		30,495.84	59,430.77	89,926.61	15,247.92	29,715.39	44,963.31
6,301.68		42,742.53	54,937.99	97,680.52	21,371.26	27,469.00	48,840.26
2,768.84	976.90	100,876.35	58,050.59	158,926.94	50,438.17	29,025.30	79,463.47
8,091.09		14,289.38	64,753.08	79,042.46	7,144.69	32,376.54	39,521.23
539.23	15,409.94	30,034.44	49,078.05	79,112.49	15,017.22	24,539.02	39,556.24
649.05		34,361.75	32,249.27	66,611.02	17,180.88	16,124.63	33,305.51
9,501.37	193.51	22,345.12	53,817.09	76,162.21	11,172.56	26,908.55	38,081.11
1,117.90		31,715.04	29,441.76	61,156.80	15,857.52	14,720.88	30,578.40
1,057.28	1,029.06	34,255.27	45,744.73	80,000.00	17,127.63	22,872.37	40,000.00
17,280.07		64,164.75	53,835.25	118,000.00	32,082.37	26,917.63	59,000.00
21,274.38		83,051.57	117,686.37	200,737.94	41,525.79	58,843.18	100,368.97
			337.89	337.89		168.95	168.95
10,785.01		45,029.63	41,850.78	86,880.41	22,514.82	20,925.39	43,440.21
4,329.15	18,887.37	42,306.61	98,600.59	140,907.20	21,153.31	49,300.29	70,453.60
157.59	6,653.74	55,535.07	54,584.57	110,119.64	27,767.53	27,292.29	55,059.82
8,080.54	10,188.48	29,159.91	112,302.38	141,462.29	14,579.95	56,151.19	70,731.14
12,133.52	3,897.68	71,927.68	68,017.52	139,945.20	35,963.84	34,008.76	69,972.60
12,010.89		272,678.06	298,463.61	571,141.67	136,072.22	149,124.54	285,196.76
$ 207,812.44	$ 104,146.53	$ 1,959,222.91	$ 2,537,479.34	$ 4,496,702.25	$ 979,344.63	$ 1,268,632.43	$ 2,247,977.06

APPENDIX No. 9

SUMMARY OF TOWNSHIP ROAD EXPENDITURES

The following schedule shows the approved expenditure on township roads under the provisions of The Highway Improvement Act.

Year	No. of Twps.	Approved Expenditure			Government Subsidy		
		Construction	Maintenance	Total	Construction	Maintenance	Total
1920 to 1934	172 to 338	$23,718,523.99	$34,272,133.52	$57,990,657.51	$ 7,615,854.36	$10,959,400.20	$18,575,254.56
1935	339	824,447.33	2,090,082.01	2,914,529.34	344,705.13	874,448.05	1,219,153.18
1936	343	699,695.53	2,247,918.62	2,947,614.15	293,505.92	939,468.25	1,232,974.17
1937	344	1,234,367.12	2,588,053.41	3,822,420.53	623,824.61	1,301,050.22	1,924,874.83
1938	559	1,578,956.62	3,212,126.73	4,791,083.35	827,188.62	1,707,554.52	2,534,743.14
1939	565	1,814,131.40	3,529,375.15	5,343,506.55	971,530.84	1,867,855.99	2,839,386.83
1940	563	1,006,122.02	3,499,173.61	4,505,295.63	544,894.50	1,866,170.40	2,411,064.90
Totals	....	$30,876,244.01	$51,438,863.05	$82,315,107.06	$11,221,503.98	$19,515,947.63	$30,737,451.61

APPENDIX
MILEAGE OF ROAD SURFACES

County	COUNTY ROADS					
	Earth	Gravel or Stone	Surface Treated Gravel or Stone	Low-cost Bitu-minous Surfaces	Mix. Mac. or Asp. Con.	Cement Concrete
Brant	2.7	67.3	1.2	22.7	5.1	1.0
Bruce		224.6	1.7	47.6	.5	1.3
Carleton	14.1	93.3	37.1	31.2	58.3	
Dufferin		159.4				1.1
Elgin		197.2	1.2	12.9		0.2
Essex		161.3		31.1	5.1	49.0
Frontenac		106.7	32.6	9.5	18.1	
Grey		307.7		31.7		0.7
Haldimand	5.8	77.1	60.5		5.8	3.9
Halton		98.1		17.6		21.3
Hastings		254.3	2.2	5.3	14.0	2.2
Huron		313.2	2.8	52.8		0.5
Kent		189.7	6.0	78.4	2.8	22.7
Lambton		194.8	1.2	24.4	2.2	2.6
Lanark	8.8	166.0	16.0	23.7	16.4	
Leeds and Grenville	30.7	118.2		45.5	58.3	3.7
Lennox and Addington		66.5	13.7	13.3	30.0	
Lincoln		11.8	94.5	26.1	2.9	12.2
Middlesex		437.3	1.1	0.5		38.8
Norfolk	3.8	52.3	75.7	66.8		1.2
Northumberland and Durham		192.3		7.1	29.4	
Ontario		169.8		26.7		4.7
Oxford		153.6	1.8	33.3		
Peel		100.3		6.6	10.6	2.8
Perth		125.1	40.6	6.5		
Peterboro		172.2		15.9		
Prescott and Russell	27.7	145.9	88.4		18.5	
Prince Edward		97.7	45.0	16.6	8.9	8.6
Renfrew	21.8	149.4	39.3	0.5		
Simcoe		255.8		8.9	0.2	
Stormont, D. and G.	1.0	207.7	139.4	114.0		1.2
Victoria		152.9		15.5	2.7	
Waterloo		108.8	2.8	28.8		26.4
Welland	1.6	3.9	69.7	10.2	22.4	10.3
Wellington	1.0	311.1	5.7	12.3	1.3	14.4
Wentworth		65.4	43.9	38.6	3.9	2.6
York	16.4	90.8	78.8	70.1	71.8	15.1
Total — County Area	135.4	5799.5	902.9	952.7	389.2	248.5
Organized — Township Roads in Districts						
GRAND TOTALS	135.4	5799.5	902.9	952.7	389.2	248.5

No. 10
AT THE END OF 1940

	ORGANIZED — TOWNSHIP ROADS						
Total	Earth	Gravel or Stone	Surface Treated Gravel or Stone	Low-cost Bituminous Surfaces	Mix. Max. or Asp. Con.	Cement Concrete	Total
100.0	102.1	443.0	1.1	....	....	....	546.2
275.7	245.7	1383.7	....	....	....	....	1628.7
234.0	329.2	734.0	7.6	....	....	....	1070.8
160.5	160.0	602.5	....	....	....	....	762.5
211.5	104.5	814.1	....	....	....	....	918.6
246.5	125.3	775.1	....	....	....	35.3	935.7
166.9	481.3	471.9	....	1.0	....	....	954.2
340.1	450.0	1622.3	....	....	....	....	2072.3
153.1	150.1	445.7	8.0	....	....	....	603.8
137.0	34.4	400.2	....	....	....	1.2	435.8
278.0	374.0	1123.5	....	....	....	....	1497.5
369.3	208.0	1356.2	....	....	0.7	....	1564.9
299.6	241.7	1086.2	....	0.4	....	....	1328.3
225.2	324.9	1112.6	2.0	0.3	....	....	1439.8
230.9	560.5	425.0	....	....	....	....	985.5
256.4	541.1	839.9	....	2.5	14.5	....	1398.0
123.5	283.2	402.8	....	.5	....	....	686.5
147.5	264.7	393.0	7.8	....	....	3.6	669.1
477.7	212.5	1308.3	....	....	....	0.2	1521.0
199.8	547.1	379.7	0.3	2.5	....	....	929.6
228.8	1310.9	932.6	0.2	....	....	....	2243.7
201.2	247.6	931.1	....	0.2	....	....	1178.9
188.7	74.9	966.4	2.3	3.0	....	....	1046.6
120.3	92.7	510.9	....	....	....	....	603.6
172.2	70.8	995.3	....	....	....	....	1066.1
188.1	309.7	609.7	....	1.4	....	....	920.8
280.5	654.3	299.2	....	....	....	....	953.5
176.8	56.4	313.7	....	....	....	....	370.1
211.0	1031.8	671.5	....	....	....	....	1703.3
264.9	501.0	1592.4	....	....	....	....	2093.4
463.3	557.9	763.4	....	3.8	....	5.0	1330.1
171.1	169.5	769.0	....	....	....	....	938.5
166.8	52.5	512.1	....	....	....	0.2	564.8
118.1	442.1	387.1	102.3	1.9	9.2	2.1	944.7
345.8	546.9	757.2	....	....	....	0.4	1304.5
154.4	105.5	454.1	0.6	0.3	....	....	560.5
343.0	514.1	998.4	34.2	18.3	87.2	14.4	1666.6
8428.2	12478.5	28583.8	166.4	36.1	111.6	62.1	41438.5
....	1760.4	4512.3	16.6	10.0	1.5	....	6300.8
8428.2	14238.9	33096.1	183.0	46.1	113.1	62.1	47739.3

APPENDIX No. 11

WORK DONE ON TOWNSHIP ROADS — SUMMARY, 1940

County or District	MILES OF ROAD SURFACED			New Bridges	Pipe and Tile Culvert	Other Culverts
	Gravel or Stone	Low-Cost Bituminous Surfaces	Mixed Macadam or Asphaltic Concrete			
Brant	2.8				1	1
Bruce	15.2			6	62	17
Carleton	9.9			3	33	37
Dufferin	6.0			4	22	4
Elgin	3.2				20	4
Essex	11.8			3	13	1
Frontenac					14	139
Grey				7	32	13
Haldimand	11.3				17	2
Halton	6.3			1	21	2
Hastings		0.2		6	38	115
Huron				2	40	8
Kent	15.5			3	18	
Lambton	24.0	0.4		3	37	2
Lanark	2.0			4	9	6
Leeds and Grenville		3.0		5	23	
Lennox and Addington				1		39
Lincoln	16.3				86	
Middlesex	3.5				22	1
Norfolk	3.2	1.5			23	1
Northumberland and Durham	24.7			9	92	27
Ontario	9.8			1	44	10
Oxford	4.6	1.0			43	
Peel	11.7				44	5
Perth		0.1		2	14	1
Peterboro	2.2			1	40	23
Prescott and Russell	19.6			3	5	19
Prince Edward	1.0			1	37	1
Renfrew	4.7			2	39	128
Simcoe	17.1			6	103	21
Stormont, Dundas and Glengarry	3.5	1.3		5	41	6
Victoria	3.8			2	33	16
Waterloo	1.0			1		8
Welland	7.8				22	
Wellington	15.0			2	46	29
Wentworth	10.4	0.3		3	29	1
York	8.3	5.6	1.0		348	16
Totals — County Area	276.2	13.4	1.0	74	1511	636
Totals — Northern Districts	52.2	7.3		57	143	631
GRAND TOTALS	328.4	20.7	1.0	131	1654	1267

Report of the Motor Vehicles Branch, 1940

To The Honourable T. B. McQuesten, K.C., B.A., LL.B.,
Minister of Highways, Ontario.

Sir:

I have the honour to present herewith a report relating to the activities of the Motor Vehicles Branch for the year 1940.

This report includes:

(1) A detailed summary of 1940 motor vehicle permits and drivers' licenses issued;

(2) A statement, certified by the Provincial Auditor, showing revenue derived by this Branch from all sources during the fiscal year ending March 31, 1941; and

(3) Reports relating to the work of the Accident Recording, Financial Responsibility and Public Vehicles Divisions of the Branch during the calendar year, 1940.

Motor Vehicle Registrations

Motor vehicle registrations reached a new peak in the history of the Province during 1940 with a total of 748,522 recorded. This total represented an increase of 24,045 or 3.3 per cent. from the corresponding registration total for 1939. Comparative figures for 1939 and 1940 and the percentage changes in the number of various types of vehicle registered, are shown below:

TYPE OF PERMIT	1939	1940	
Passenger	593,693	610,576	2.8% Inc.
Commercial	82,206	86,038	4.7% Inc.
Two-Purpose	1,893	1,855	2.0% Dec.
Trailer	41,586	44,650	7.4% Inc.
Motorcycle	5,099	5,403	6.0% Inc.
Total	724,477	748,522	3.3% Inc.

Drivers' Licenses

The number of Temporary Instruction Permits and Chauffeurs' and Operators' Licenses issued during 1939 and 1940 is shown in the following summary:

	1939	1940	
Temporary Instruction Permits	99,360	116,349	17.1% Inc.
Chauffeurs' Licenses	264,429	276,348	4.5% Inc.
Operators' Licenses	634,470	660,551	4.1% Inc.
Motorcycle Operators' Licenses	673	652	3.1% Dec.
Total	998,932	1,053,900	5.5% Inc.

Revenue

Gross revenue collected by the Branch during 1940 amounted to $9,588,924.08 as compared with $8,938,843.86 for the previous fiscal year. After deductions covering commissions, refunds and adjustments, net revenue amounted to $9,312,106.65 or $630,169.90 in excess of the corresponding net revenue for 1939.

Accident Recording

There were 16,921 motor vehicle traffic accidents (involving personal injury or property damage in excess of $50.00) reported during 1940, representing an increase of 23.4 per cent. from the total for the previous year. Deaths and injuries totalled 716 and 13,715 while the estimated property damage loss amounted to $2,510,152.

(More complete data pertaining to Ontario accident experience are given in the summary appended hereto. A more detailed analysis is provided in a special study 'Statistics Relating to Motor Vehicle Traffic Accidents in Ontario — 1940'.)

While the chief function of the Accident Recording Division is, as the name implies, to record accidents and to provide factual information as a means of pointing out the most effective ways of reducing the wastage of life, health and property on our highways, increased emphasis has been given in recent years to the individual, personal aspect of this problem. Comprehensive driving records have been maintained to isolate the driver who because of frequent or flagrant violations shows an unwillingness to recognize his responsibilities when behind the wheel of a car. Increasing attention has also been given to persons who because of age or physical or mental infirmities must be considered accident liable. The facilities thus provided have been used to an increasing extent by the Courts, police officials, insurance companies, physicians, and other agencies and individuals having contact with the public, to report cases to the Branch requiring special attention or investigation. A great many driving tests, vision and physical examinations have been instituted as the result of information supplied through the above-mentioned channels.

The opportunity is taken here to express appreciation for the assistance given by the Ontario Department of Health in divulging the identity of persons suffering various forms of mental disorder. The information thus supplied has enabled the Motor Vehicles Branch to withhold driving privileges from such persons until the Department of Health has given satisfactory evidence of their recovery and of their ability, from the standpoint of mental health, to operate a motor vehicle safely.

While it is not possible to measure negative results it would seem axiomatic that had these activities not been undertaken our present accident record would be of more serious proportions than is the case today.

Financial Responsibility

During 1940 there were 6,952 suspension orders applied by this Division, representing an increase of 10.1 per cent. from the number made effective during the previous year. Of this total, 858 were discretionary suspensions imposed by magistrates or the Department, while the remaining 6,094 were issued as the result of infractions of the law requiring the filing of proof of financial responsibility pursuant to the provisions of Part XIII of the Highway Traffic Act.

Since September 1st, 1930, when records first were made available, 53,570 suspension orders have been issued, of which total 43,199 required the filing of proof of financial responsibility. Of the latter total, 25,984 have been reinstated, leaving 17,215 suspensions imposed under this part of the Act still in effect.

Public Vehicles

During the operating year, 1940, there were a number of amalgamations of Public Commercial Vehicle licenses with the result that the number of licensed operators was reduced by 211 to 4,062, but the number of Public Commercial vehicles operated on the highways was increased by 641 to a total of 8,385.

Public Vehicle registrations totalled 969, an advance of 70 from the previous year's total.

There were 90 school buses (used solely for the transportation of pupils to and from school in rural districts, and for which no fee is charged) registered during the year—representing an increase of 29 from the total for 1939.

Revenue collected by this Division during the year amounted to $315,618.08.

A staff of inspectors is continually checking the operations of Public Vehicles and Public Commercial Vehicles. Complaints concerning the unlawful transportation of passengers and freight and the operation of defective equipment are carefully investigated and disciplinary action is taken when it is deemed necessary. Such investigations, together with the co-operation received from the majority of licensed operators throughout the Province, have resulted in a noticeable decrease in the number of reported, unlawful operations.

All of which is respectfully submitted,

J. P. Bickell,
Registrar of Motor Vehicles.

COMPILED BY MOTOR VEHICLES BRANCH — DEPARTMENT OF HIGHWAYS
1940 STATISTICS
MOTOR VEHICLE REGISTRATIONS

Automobile Permits	610,576
Commercial Permits	86,038
Convertible Permits	1,855
Trailer Permits	44,650
Motorcycle Permits	5,403
Automobile Dealers' Permits	1,174
Motorcycle Dealers' Permits	10
Operators	660,551
Instruction Permits	116,349
Motorcycle Operators	652
Chauffeurs	276,348
In Transits	11,129
Transfers	134,714
Public Vehicles	969
Public Commercial Vehicles	8,385

PASSENGER CARS

Cylinders and Horsepower

Four Cylinders	132,786
Six Cylinders under 28 Horsepower	297,246
Six Cylinders over 28 Horsepower	67,615
Eight Cylinders under 35 Horsepower	103,925
Eight Cylinders over 35 Horsepower	7,264
Twelve Cylinders	859
Sixteen Cylinders	29
Steam	1
Ontario Government, Dominion Government	851
	610,576

Registrations

Originals	49,239
Renewals	561,337
	610,576

Convertible Permits

Four Cylinders	1,244
Six Cylinders under 28 Horsepower	495
Six Cylinders over 28 Horsepower	10
Eight Cylinders under 35 Horsepower	102
Eight Cylinders over 35 Horsepower	2
Ontario Government, Dominion Government	2
	1,855

COMMERCIAL CARS REGISTERED

Tires

Pneumatic	80,903
Solid and Diesel	116
Municipal	2,706
Ontario Government, Dominion Government	2,313

Gross Weight

	Pneumatic Tires	Solid Tires
Of not more than 2 tons	25,404	4
More than two tons and up to two-and-a-half tons	9,890	...
More than two-and-a-half tons and up to three tons	12,823	9
More than three tons and up to three-and-a-half tons	1,773	...
More than three-and-a-half tons and up to four tons	6,852	4
More than four tons and up to five tons	6,760	3
More than five tons and up to six tons	4,350	...
More than six tons and up to seven tons	3,581	2
More than seven tons and up to eight tons	4,693	4
More than eight tons and up to nine tons	2,103	3
More than nine tons and up to ten tons	2,375	58
More than ten tons and up to eleven tons	92	9
More than eleven tons and up to twelve tons	128	8
More than twelve tons and up to thirteen tons	12	3
More than thirteen tons and up to fourteen tons	14	...
More than fourteen tons and up to fifteen tons	44	9
Special permits (buses)	9	...
	80,903	116
Municipal	2,706	...
Ontario Government, Dominion Government	2,313	85,922
		86,038

Registrations

Originals	10,360
Renewals	75,678
	86,038

Trailer Gross Weight

Of one ton or less	39,927
More than one ton and up to two tons	1,107
More than two tons and up to three tons	257
More than three tons and up to four tons	170
More than four tons and up to five tons	287
More than five tons and up to six tons	278
More than six tons and up to seven tons	490
More than seven tons and up to eight tons	1,419
More than eight tons and up to nine tons	15
More than nine tons and up to ten tons	242
More than ten tons and up to eleven tons	...
More than eleven tons and up to twelve tons	2
More than twelve tons and up to thirteen tons	...
More than thirteen tons and up to fourteen tons	...
More than fourteen tons and up to fifteen tons	25
Municipal	292
Ontario Government, Dominion Government	139
	44,650

REGISTRATIONS — Continued

Cities and Counties

	Passenger Cars	Commercials
Algoma	6,847	1,231
Brant	9,162	1,304
Bruce	9,034	743
Carleton	28,010	3,430
Cochrane	7,705	1,159
Dufferin	3,167	290
Dundas	3,211	312
Durham	5,122	517
Elgin	9,251	1,167
Essex	28,375	3,918
Frontenac	7,761	1,242
Glengarry	2,598	321
Grenville	3,071	406
Grey	10,200	1,042
Haldimand	5,211	653
Haliburton	892	156
Halton	5,920	919
Hastings	11,135	1,585
Huron	9,205	839
Kenora	2,226	758
Kent	14,728	2,075
Lambton	11,196	1,233
Lanark	5,747	642
Leeds	6,285	1,009
Lennox and Addington	3,611	468
Lincoln	10,951	2,267
Middlesex	23,716	3,015
Muskoka	3,279	654
Nipissing	3,569	809
Norfolk	7,620	1,071
Northumberland	5,311	728
Ontario	11,263	1,284
Oxford	11,676	1,531
Parry Sound	3,043	665
Peel	6,575	1,063
Perth	9,934	962
Peterborough	7,529	910
Prescott	2,406	323
Prince Edward	3,260	522
Rainy River	1,855	524
Renfrew	7,382	809
Russell	1,843	347
Simcoe	13,953	2,082
Stormont	5,297	648
Sudbury	9,474	1,795

Thunder Bay	8,841	1,821
Timiskaming	6,446	1,363
Victoria	5,221	614
Waterloo	16,854	1,988
Welland	16,163	2,278
Wellington	10,846	1,162
Wentworth	33,467	4,561
York	152,961	22,726
Miscellaneous	171	97
	610,576	86,038

Cities Only

	Passenger Cars	Commercials
Belleville	2,669	470
Brantford	5,173	888
Brockville	1,832	298
Chatham	3,630	737
Fort William	3,475	595
Galt	2,612	324
Guelph	3,432	565
Hamilton	25,902	3,444
Kingston	4,436	820
Kitchener	5,530	847
London	13,466	1,943
Niagara Falls	4,570	621
Oshawa	4,821	548
Ottawa	20,656	2,736
Owen Sound	2,215	354
Peterborough	4,126	613
Port Arthur	3,038	605
St. Catharines	5,392	1,164
St. Thomas	3,021	441
Sarnia	3,475	527
Sault Ste. Marie	3,569	537
Stratford	2,735	376
Sudbury	5,016	835
Toronto	129,559	19,994
Welland	2,588	406
Windsor	13,825	1,928
Woodstock	2,261	365
	283,024	42,981

MOTOR VEHICLE PERMITS AND DRIVERS' LICENSES ISSUED FOR THE YEARS 1904-1940, INCLUSIVE

Year	Passenger Cars	Owned in Ontario	Others	Commercial Vehicles	Two-Purpose Vehicles	Motor-cycles	Trailers	Operators	Chauffeurs
1904	535	...	...	...	...	...	...	...	...
1905	553	...	...	...	...	...	...	...	...
1906	1,176	517	659	...	...	...	...	...	...
1907	1,530	550	980	...	...	...	...	...	...
1908	1,754	589	1,165	...	...	...	...	...	...
1909	2,452	1,020	1,432	...	...	...	...	...	...
1910	4,230	1,977	2,253	...	...	...	...	...	...
1911	11,339	7,338	4,001	...	...	...	...	...	...
1912	16,268	11,939	4,327	...	...	1,754	...	...	2,965
1913	23,700	17,750	5,950	...	...	2,900	...	...	3,514
1914	31,724	25,308	6,415	...	...	3,633	...	...	3,773
1915	42,346	36,661	5,686	...	...	4,174	...	...	5,322
1916	51,589	50,587	1,002	2,786	...	4,287	...	...	5,966
1917	78,861	78,475	...	4,929	...	5,180	...	...	8,214
1918	101,845	101,599	...	7,529	...	5,002	...	...	10,629
1919	127,860	127,512	...	11,428	...	5,516	...	...	15,400
1920	155,861	155,519	...	16,204	...	5,496	...	...	19,563
1921	181,978	181,686	...	19,554	...	4,989	327	...	21,808
1922	210,333	210,008	...	24,164	...	4,799	463	...	25,301
1923	245,815	245,435	...	28,612	...	4,325	591	...	27,033
1924	271,341	270,876	...	31,488	...	3,941	778	...	29,676
1925	303,736	303,216	...	34,690	...	3,748	1,058	...	33,740
1926	343,992	343,586	...	39,012	...	3,345	1,398	...	39,513
1927	386,903	386,311	...	43,442	...	3,159	1,962	444,472	64,916
1928	429,426	428,890	...	51,714	...	3,197	3,281	81,022	89,965
1929	473,222	472,634	...	55,218	8,226	3,541	4,903	473,213	111,861
1930	490,906	490,270	...	61,690	5,986	3,924	7,111	500,687	140,265
1931	489,713	489,067	...	64,256	4,177	4,070	9,996	509,207	157,059
1932	462,923	462,598	...	61,347	3,239	4,088	12,998	486,541	162,169
1933	453,314	452,961	...	59,760	2,909	4,370	16,311	471,106	167,178
1934	470,617	470,239	...	64,436	2,724	4,468	19,871	483,794	181,949
1935	489,610	489,164	...	67,590	2,370	4,506	24,232	511,346	196,111
1936	514,211	513,952	...	70,693	...	4,553	27,930	543,798	211,606
1937	541,802	541,532	...	75,687	1,847	4,582	31,771	574,300	228,465
1938	580,364	579,418	...	81,642	1,876	5,206	39,059	615,861	250,868
1939	593,693	593,239	...	82,206	1,893	5,099	41,586	635,143	264,429
1940	610,576	610,405	...	86,038	1,855	5,403	44,650	661,203	276,348

MOTOR VEHICLES BRANCH

Revenue for Fiscal Year 1940-1941

		Gross	Deductions	Net
Passenger Car Permits		$ 4,502,602.00	$ 118,757.60	$ 4,383,844.40
Commercial Permits		3,031,003.75	18,231.20	3,012,772.55
Two-Purpose Permits		6,855.00	300.10	6,554.90
Trailer Permits		304,162.50	9,326.25	294,836.25
Motorcycle Permits		4,506.50	599.30	3,907.20
Dealers' Permits		22,192.00		22,192.00
Motorcycle Dealers' Permits		15.00		15.00
Operators and Instruction		762,618.00	74,248.30	688,369.70
Chauffeurs		330,280.00	27,837.30	302,442.70
In Transits		6,899.00	559.65	6,339.35
Transfers		153,443.00	23,714.60	129,728.40
Public Vehicles		138,230.70		138,230.70
Public Commercial Vehicles		215,387.38	3,118.13	212,269.25
Duplicate Cards		11,837.00	9.50	11,827.50
Searches and Certificates		1,161.09	3.00	1,158.09
Fines		80,176.69	91.50	80,085.19
Lists		886.72		886.72
Postage		74.30		74.30
Testing Headlights		284.50		284.50
Examination Fees		16,055.00	21.00	16,034.00
Miscellaneous		253.95		253.95
		$ 9,588,924.08	$ 276,817.43	$ 9,312,106.65
Balances due from Agents	$ 206.85			
Less amount overcharged on Commercials	85.50		$ 292.35	
		$ 9,588,924.08	$ 277,109.78	$ 9,311,814.30
Bank Interest	$ 1.61			
1939–40 Balances Paid	1,433.75			
Journal Entry:				
No. 4 Miscel. Permits	20.00			
No. 57 " "	20.00			
No. 61 " "	20.00			
No. 68 " "	20.00			
No. 69 " "	1.00			
(No. 7, Corporations Tax Cash $46.48, credited to Public Vehicles)				1,516.36
				$ 9,313,330.66

MOTOR VEHICLES BRANCH

Revenue for Fiscal Year 1940-1941

Passenger Car Permits		$ 4,502,602.00		
Commercial Permits		3,031,003.75		
Two-Purpose Permits		6,855.00		
Trailer Permits		304,162.50		
Motorcycle Permits		4,506.50		
Dealers' Permits		22,192.00		
Motorcycle Dealers' Permits		15.00		
Operators and Instruction		762,618.00		
Chauffeurs		330,280.00		
In Transits		6,899.00		
Transfers		153,443.00		
Public Vehicles		138,230.70		
Public Commercial Vehicles		215,387.38		
Duplicate Cards		11,837.00		
Searches and Certificates		1,161.09		
Fines		80,176.69		
Lists		886.72		
Postage		74.30		
Testing Headlights		284.50		
Examination Fees		16,055.00		
Miscellaneous		253.95		
			$ 9,588,924.08	
Less:—				
Commissions deducted by Agents		$ 269,587.80		
Refunds deducted by Provincial Treasurer		4,211.50		
Balances due from Agents		206.85		
Amount overcharged on Commercials		85.50		
Journal entry re Ontario Municipal Board Fees		3,018.13	277,109.78	$ 9,311,814.30
Bank Interest	$ 1.61			
1939–40 Balances Paid	1,433.75			
Journal Entry:				
No. 4 Miscell. Permits	20.00			
No. 57 " "	20.00			
No. 61 " "	20.00			
No. 68 " "	20.00			
No. 69 " "	1.00			
(No. 7 Corporations Tax Cash $46.48 credited to Public Vehicles)				1,516.36
				$ 9,313,330.66

MOTOR VEHICLES BRANCH

Itemized Statement of Receipts for Fiscal Year 1940-1941

PASSENGER CARS:—

124,703 ×	2.00	(4 cyl.)	$ 249,406.00	
1,191 ×	1.00	½ fee	1,191.00	
305,841 ×	7.00	(6 cyl.)	2,140,887.00	
5,433 ×	3.50	½ fee	19,015.50	
79,814 ×	10.00	(6 cyl.)	798,140.00	
1,658 ×	5.00	½ fee	8,290.00	
113,612 ×	10.00	(8 cyl.)	1,136,120.00	
1,266 ×	5.00	½ fee	6,330.00	
7,564 ×	15.00	(8 cyl.)	113,460.00	
175 ×	7.50	½ fee	1,312.50	
867 ×	25.00	(12 cyl.)	21,675.00	
15 ×	12.50	½ fee	187.50	
23 ×	35.00	(16 cyl.)	805.00	
1 ×	17.50	½ fee	17.50	
1 ×	15.00	Electric	15.00	
1 ×	15.00	Steam	15.00	
1 ×	2.00	Special Fee	2.00	
5,644 ×	1.00	New Sets	5,644.00	
48 ×		New Sets, No Fee	....	
910 ×	Free		....	
(648,768)				
		Balance of Fees	89.00	
				$ 4,502,602.00

Pneumatic Tires

COMMERCIALS:—

25,581 ×	7.50		191,857.50
780 ×	3.75	½ fee	2,925.00
11,137 ×	12.50		139,212.50
299 ×	6.25	½ fee	1,868.75
12,380 ×	18.00		222,840.00
513 ×	9.00	½ fee	4,617.00
2,047 ×	27.00		55,269.00
97 ×	13.50	½ fee	1,309.50
6,722 ×	36.00		241,992.00
232 ×	18.00	½ fee	4,176.00
6,964 ×	48.50		337,754.00
261 ×	24.25	½ fee	6,329.25
4,382 ×	63.00		276,066.00
152 ×	31.50	½ fee	4,788.00
3,345 ×	73.50		245,857.50
127 ×	36.75	½ fee	4,667.25
4,975 ×	84.00		417,900.00
157 ×	42.00	½ fee	6,594.00
2,411 ×	108.00		260,388.00
59 ×	54.00	½ fee	3,186.00
3,003 ×	127.50		382,882.50
102 ×	63.75	½ fee	6,502.50
15 ×	148.50		2,227.50
29 ×	171.00		4,959.00
13 ×	195.00		2,535.00
1 ×	97.50	½ fee	97.50
14 ×	220.50		3,087.00
61 ×	247.50		15,097.50
3 ×	123.75	½ fee	371.25

Solid Tires and Diesel

4 ×	12.00	48.00
9 ×	24.50	220.50
3 ×	45.00	135.00
2 ×	60.00	120.00
2 ×	89.00	178.00
4 ×	102.00	408.00
1 ×	128.00	128.00
47 ×	150.00	7,050.00

2 × 198.00	396.00	
3 × 99.00 ½ fee	297.00	
3 × 224.00	672.00	
9 × 281.00	2,529.00	
2,834 × 2.00 Munic.	5,668.00	
1,749 × 1.00 New Sets	1,749.00	
21 × New Sets, No Fee	....	
4,209 × Free	....	
Increased Capacity	75,362.00	

Pneumatic Tires

BUSES:—		
1 × 7.50	7.50	
24 × 18.00	432.00	
1 × 9.00 ½ fee	9.00	
42 × 27.00	1,134.00	
107 × 41.00	4,387.00	
3 × 20.50 ½ fee	61.50	
156 × 54.00	8,424.00	
12 × 27.00 ½ fee	324.00	
370 × 63.00	23,310.00	
12 × 31.50 ½ fee	378.00	
147 × 72.00	10,584.00	
29 × 36.00 ½ fee	1,044.00	
49 × 87.50	4,287.50	
60 × 97.50	5,850.00	
100 × 123.50	12,350.00	
99 × 135.00	13,365.00	

Solid Tires and Diesel

2 × 108.00	216.00	
7 × 120.00	840.00	
8 × 148.50	1,188.00	
1 × 74.25	74.25	
2 × 162.00	324.00	
2 × 1.00 New Sets	2.00	
2 × New Sets, No Fee	....	
(96,000)		
Increased Capacity	94.50	
	....	$ 3,031,003.75
TWO-PURPOSE:—		
1,096 × 2.00 (4 cyl.)	2,192.00	
17 × 1.00 ½ fee	17.00	
458 × 7.00 (6 cyl.)	3,206.00	
5 × 3.50 ½ fee	17.50	
8 × 10.00 (6 cyl.)	80.00	
119 × 10.00 (8 cyl.)	1,190.00	
2 × 5.00 ½ fee	10.00	
5 × 15.00 (8 cyl.)	75.00	
65 × 1.00 New Sets	65.00	
2 × Free	....	
(1,777)		
Balance of Fees	2.50	
		6,855.00
TRAILERS:—		
40,776 × 2.00	81,552.00	
2,138 × 1.00 ½ fee	2,138.00	
1,021 × 7.50	7,657.50	
83 × 3.75 ½ fee	311.25	
224 × 15.50	3,472.00	
24 × 7.75 ½ fee	186.00	
171 × 24.00	4,104.00	
13 × 12.00 ½ fee	156.00	
292 × 37.50	10,950.00	
9 × 18.75 ½ fee	168.75	
272 × 49.50	13,464.00	
9 × 24.75 ½ fee	222.75	
410 × 57.50	23,575.00	

15 × 28.75 ½ fee	431.25		
1,810 × 66.00	119,460.00		
70 × 33.00 ½ fee	2,310.00		
20 × 81.00	1,620.00		
282 × 90.00	25,380.00		
12 × 45.00 ½ fee	540.00		
1 × 126.00	126.00		
2 × 63.00 ½ fee	126.00		
20 × 157.50	3,150.00		
11 × 78.75 ½ fee	866.25		
308 × 2.00 Municipal	616.00		
265 × .50 New Sets	132.50		
167 × Free	....		
(48,425)			
Increased Capacity	1,447.25		
		$	304,162.50
MOTORCYCLES:—			
4,422 × 1.00	4,422.00		
149 × .50 ½ fee	74.50		
20 × .50 New Sets	10.00		
1,013 × Free	....		
(5,604)			
		$	4,506.50
"M" DEALERS:—			
1,095 × 20.00	21,900.00		
24 × 10.00 ½ fee	240.00		
52 × 1.00 New Sets	52.00		
1 × New Sets, No Fee	....		
3 × Free	....		
(1,175)			
		$	22,192.00
"MC" DEALERS:—			
5 × 3.00	15.00		
		$	15.00
OPERATORS:—			
700,585 × 1.00 Operators	700,585.00		
116,562 × .50 Instruction	58,281.00		
635 × 1.00 M. C. Operators	635.00		
15 × Free Operators	....		
(817,797)			
Operator Previous Year Fees, 1939	3,106.00		
Operator Previous Year Fees, 1938	7.00		
M. C. Operator Previous Year Fees, 1939	4.00		
		$	762,618.00
CHAUFFEURS:—			
23,059 × 2.00 Originals	46,118.00		
5,985 × 1.00 Originals, ½ fee	5,985.00		
276,356 × 1.00 Renewals	276,356.00		
10 × Free Renewals	....		
(305,410)			
Previous year fees, 1939	1,816.00		
Previous year fees, 1938	5.00		
		$	330,280.00
IN TRANSITS:—			
13,798 × .50	6,899.00		
		$	6,899.00
TRANSFERS:—			
144,476 × 1.00 Passenger	144,476.00		
8,080 × 1.00 Commercial	8,080.00		
888 × .50 Motorcycles	444.00		
156 × 1.00 Two-Purpose	156.00		
275 × 1.00 Trailer	275.00		
12 × 1.00 "M" Dealer	12.00		
(153,887)			
		$	153,443.00
PUBLIC VEHICLES			138,230.70
PUBLIC COMMERCIAL VEHICLES			215,387.38

DUPLICATE CARDS:—			
12,588 × .50 Permits		6,294.00	
11,086 × .50 Licenses		5,543.00	
(23,674)			$ 11,837.00
SEARCHES AND CERTIFICATES:—			
2 × .15		.30	
1,044 × .25		261.00	
2 × .30		.60	
146 × .50		73.00	
1 × .60		.60	
1 × .70		.70	
69 × .75		51.75	
218 × 1.00		218.00	
1 × 1.08		1.08	
1 × 1.15		1.15	
12 × 1.25		15.00	
3 × 1.50		4.50	
5 × 1.75		8.75	
46 × 2.00		92.00	
3 × 2.25		6.75	
1 × 2.50		2.50	
1 × 2.75		2.75	
1 × 2.91		2.91	
33 × 3.00		99.00	
2 × 3.25		6.50	
1 × 3.50		3.50	
11 × 4.00		44.00	
2 × 4.50		9.00	
1 × 4.75		4.75	
8 × 5.00		40.00	
8 × 6.00		48.00	
2 × 7.00		14.00	
5 × 8.00		40.00	
1 × 9.00		9.00	
2 × 10.00		20.00	
4 × 11.00		44.00	
3 × 12.00		36.00	
(1,640)			$ 1,161.09
FINES			80,176.69
LISTS			886.72
POSTAGE			74.30
TESTING HEADLIGHTS			284.50
EXAMINATION FEES			16,055.00
MISCELLANEOUS			253.95
Commissions Paid to Agents:			
Passenger Cars	$ 117,545.85		
Commercials	15,962.70		
Two-Purpose	296.60		
Trailers	8,864.50		
Motorcycles	599.30		
Operators and Instruction	74,223.30		
Chauffeurs	27,832.30		
In Transits	550.65		
Transfers	23,712.60		
Refunds:			
Passenger Cars	1,211.75		
Commercials	2,268.50		
Two-Purpose	3.50		
Trailers	461.75		
Operators and Instruction	25.00		
Chauffeurs	5.00		
In Transits	9.00		
Transfers	2.00		
Public Commercial Vehicles	100.00		
Duplicate Cards	9.50		

Fines	91.50		
Searches and Certificates	3.00		
Examination Fees	21.00		$ 4,211.50
Less Amount Overcharged on Commercials			85.50
1940–1941 Balances Due from Agents			206.85
Journal Entry re Ontario Municipal Board Fees			3,018.13
Deposited with Treasury as shown by Treasurer's Statement			9,313,330.66
			$ 9,590,440.44
Interest	$ 1.61		
1939–1940 Balances Paid	1,433.75		
Journal Entry:			
No. 4 Highways-Misc. Permits	20.00		
No. 57 " " "	20.00		
No. 61 " " "	20.00		
No. 68 " " "	20.00		
No. 69 " " "	1.00		
(No. 7, Corporations Tax Cash $46.48, Credited to Public Vehicle Fees)			1,516.36
		$ 9,588,924.08	$ 9,588,924.08

ANNUAL REPORT OF FINANCIAL RESPONSIBILITY DIVISION FOR THE YEAR 1940

An increase in the number of convictions registered during the year by the Courts of this Province for offences involving the use of motor vehicles was reflected in a corresponding increase in suspensions. During 1940, 6,952 suspension orders were issued, an increase of 636 from the total for the previous year. Of these, 6,094 required the filing of proof of financial responsibility. *Careless Driving*, a provision enacted in 1939 to replace the former *Reckless Driving* provision, which had been nullified by Dominion legislation covering the same offence, was the major cause for the suspensions; 2,494 having been issued for this offence. If to this figure is added the number of suspensions applied for offences of *Reckless Driving* registered under the Criminal Code, and as previously grouped together under the heading of *Reckless Driving*, the total will approximate 50 per cent. of the number of suspensions issued. In point of numbers, *cancellation of proof of financial responsibility* and *intoxication* were the other two most important causes, each being approximately 17 per cent. of the total.

The number of unsatisfied judgments for damages occasioned by motor vehicles reported to the Department totalled 158 or 8 more than in 1939. During the past ten years almost 1,000 of such unsatisfied judgments have been reported and the driving privileges of the judgment debtors suspended pursuant to the provisions of section 79 of the Highway Traffic Act. During the same period arrangements were made for the settlement of nearly 300 of these judgments and the driving privileges of those suspended reinstated upon the filing of proof of financial responsibility. The suspensions imposed as a result of the remaining 700 cases will remain in effect until such time as arrangements have been made for the satisfaction of the judgments and proof of financial responsibility has been filed.

As predicted in previous reports, the cumulative value of the driving records of some 350,000 persons which are now available has greatly assisted the Department during the year in the effective use of the authority vested in the Minister of Highways to revoke the driving privileges of those whose records show a tendency toward accident or lawlessness. This, together with the continued wholehearted co-operation of the Department of Health in the detection of those suffering disability through disease or other cause, and plus those prohibited from operating motor vehicles by magistrates following convictions in the Courts, resulted in 858 persons being deprived of their driving privileges.

Table 1, appended hereto, shows the number of suspension orders issued in 1939 and 1940 for various causes under the financial responsibility requirements of the Highway Traffic Act and the number issued during the entire period this legislation has been in effect. Table 2 shows the number of such orders rescinded either because the person affected had furnished proof of financial responsibility or had refrained from the operation of motor vehicles for a period of three years. A comparison of the two tables will show that 17,215 financial responsibility suspensions remained in effect on December 31st, 1940.

Table 3 shows the number of suspension orders issued which did not necessitate the filing of proof of financial responsibility. Although no statistics are available as to the number of these suspensions which expired, it can be estimated that 2,500 of such orders remained in effect at the end of the year. This would indicate that on December 31st, 1940, there were nearly 20,000 persons prohibited from operating motor vehicles on Ontario highways.

STATISTICS RELATING TO FINANCIAL RESPONSIBILITY SUSPENSIONS

September 1, 1930, to December 31, 1940

Table 1

OFFENCE	1930–1938	1939	1940	Total
Reckless Driving	12,274	1,548	709	14,531
Careless Driving*	......	1,012	2,494	3,506
Speeding	422	34	21	477
Racing	16	......	......	16
No License	4,862	166	178	5,206
Criminal Negligence	274	14	3	291
Other Offences	775	178	125	1,078
Policy Cancellation	6,132	911	1,022	8,065
Unsatisfied Judgment	622	150	158	930
Failure to Remain at Scene of Accident	1,719	317	371	2,407
Intoxication	4,798	881	1,013	6,692
Totals	31,894	5,211	6,094	43,199

* Suspensions for Careless Driving (Sec. 27 (1) H. T. A.) first became effective July 1st, 1939.

FINANCIAL RESPONSIBILITY SUSPENSIONS RESCINDED

September 1, 1930, to December 31, 1940

Table 2

OFFENCE	1930–1938	1939	1940	Total
Reckless Driving	6,936	1,345	1,642	9,923
Speeding	303	31	11	345
Racing	12	2	......	14
No License	4,157	40	48	4,245
Criminal Negligence	115	9	3	127
Other Offences	167	22	10	199
Policy Cancellation	3,272	401	320	3,993
Unsatisfied Judgment	185	54	51	290
Failure to Remain at Scene of Accident	956	165	164	1,285
Intoxication	1,452	219	260	1,931
Expiry*	2,088	739	805	3,632
Totals	19,643	3,015	3,326	25,984

* Relieved pursuant to the provisions of Section 86, H. T. A.

NON-FINANCIAL RESPONSIBILITY SUSPENSIONS

September 1, 1930, to December 31, 1940

Table 3

OFFENCE	1930–1938	1939	1940	Total
Reckless Driving	6,026	347	129	6,502
Speeding	342	11	2	355
Racing*	6	......	......	6
No License	32	......	......	32
Criminal Negligence*	6	......	......	6
Other Offences	1,790	715	686	3,191
Unsatisfied Judgment*	68	9	7	84
Failure to Remain at Scene of Accident*	34	6	4	44
Intoxication*	104	17	30	151
Total	8,408	1,105	858	10,371

* These suspensions all required the surrender or confiscation not only of drivers' licenses but also all motor vehicle permits and registration plates issued in the name of the person affected by the suspension.

STATISTICS RELATING TO MOTOR VEHICLE TRAFFIC ACCIDENTS IN ONTARIO — 1931-1940

The Summary of Accident Statistics is reproduced on the reverse side of this sheet.
Comparative figures for the years 1931 to 1940 are shown in the following table:

	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Total
Fatal accidents	525	461	372	476	501	501	686	580	573	642	5,317
Personal injury accidents	6,191	6,182	5,965	6,763	7,365	7,803	8,951	8,547	8,506	9,868	76,141
Property damage only accidents	2,525	2,528	2,297	2,406	2,782	3,084	4,269	4,588	4,631	6,411	35,521
Total accidents reported	9,241	9,171	8,634	9,645	10,648	11,388	13,906	13,715	13,710	16,921	116,979
Number fatally injured	571	502	403	512	560	546	766	640	652	716	5,868
Number non-fatally injured	8,494	8,231	7,877	8,990	9,839	10,251	12,092	11,683	11,638	13,715	102,810
Amount of damage reported	$1,094,039	$994,510	$834,442	$942,722	$1,085,084	$1,241,851	$1,712,467	$1,747,841	$1,860,264	$2,510,152	$14,023,372
Mileage rate*	16.4	14.8	12.2	14.1	14.6	13.1	16.2	13.2	13.4	13.9	....
Death rate per 10,000 vehicles	10.2	9.4	7.7	9.4	9.9	9.3	12.3	9.6	9.6	10.2	....
Death rate per 100,000 population	16.6	14.4	11.3	14.1	15.2	14.8	20.6	17.1	17.4	19.0	....
Total drivers involved	13,336	13,060	12,141	13,731	15,111	16,070	20,025	19,906	19,793	25,281	168,454
Drivers in fatal accidents	614	526	420	570	579	602	843	729	674	783	6,340
Total vehicles involved	13,882	13,600	12,679	14,204	15,645	16,750	20,907	20,797	20,630	26,267	175,361
Vehicles in fatal accidents	638	556	455	587	607	626	862	758	692	811	6,592
Vehicles registered**	562,216	531,597	520,353	542,245	564,076	589,457	623,918	669,088	682,891	703,872	....
Drivers registered	704,356	699,335	692,084	735,381	784,835	842,189	900,051	974,550	996,939	1,053,899	....
CLASSIFICATIONS OF PERSONS KILLED:											
Drivers	122	100	65	109	102	97	150	120	125	129	1,119
Passengers	152	125	121	140	175	156	221	203	206	228	1,727
Pedestrians	255	230	175	215	227	244	299	259	261	298	2,463
Others (in horse-drawn vehicles, etc.)	4	8	7	6	10	8	9	3	4	7	66
Bicyclists	18	27	25	31	36	30	65	43	48	42	365
Motorcycle drivers	15	10	6	7	9	9	17	11	8	9	101
Motorcycle passengers	5	2	4	4	1	2	5	1	....	3	27
CLASSIFICATION OF PERSONS INJURED:											
Drivers	1,612	1,546	1,423	1,630	1,782	1,815	2,273	2,250	2,375	2,748	19,454
Passengers	3,208	3,041	2,827	3,208	3,492	3,633	4,484	4,403	4,483	5,596	38,375
Pedestrians	2,880	2,737	2,646	2,979	3,179	3,362	3,696	3,361	3,171	3,666	31,677
Others (persons in horse-drawn vehicles, etc.)	139	113	121	151	142	123	135	138	121	121	1,304
Bicyclists	448	572	649	822	1,021	1,106	1,253	1,298	1,303	1,334	9,806
Motorcycle drivers	163	175	163	163	184	182	205	198	155	212	1,800
Motorcycle passengers	44	47	48	37	39	30	46	35	30	38	394
Urban (city, town and village) accidents	5,777	5,572	5,218	5,792	6,610	7,048	8,101	7,755	7,839	9,360	68,972
Rural (King's highway, county and township road) accidents	3,464	3,599	3,416	3,853	4,138	4,340	5,895	5,960	5,871	7,561	48,007
Urban fatal accidents	218	193	150	194	194	193	258	208	199	209	2,014
Rural fatal accidents	307	268	222	282	307	308	428	374	374	433	3,303
AGE OF PERSONS KILLED:											
0– 4	30	30	30	25	30	26	39	25	25	37	297
5–14	74	65	49	69	52	49	87	66	90	82	683
15–35	174	158	137	162	179	172	248	209	208	220	1,867
36–54	126	107	69	117	151	134	165	144	121	165	1,299
55–64	71	55	42	59	72	51	109	88	84	90	721
65 and over	96	87	76	80	76	114	118	108	124	122	1,001
Total	571	502	403	512	560	546	766	640	652	716	5,868
AGE OF PERSONS INJURED:											
0– 4	483	419	452	437	501	498	586	566	470	579	4,991
5–14	1,344	1,388	1,411	1,480	1,594	1,676	1,854	1,729	1,650	1,881	16,007
15–35	2,800	3,018	2,828	3,414	3,806	4,085	4,865	4,820	5,000	5,992	40,628
36–54	1,508	1,612	1,636	1,891	2,145	2,207	2,673	2,610	2,647	2,931	21,860
55–64	460	459	502	566	633	676	848	848	757	970	6,719
65 and over	362	347	386	448	481	515	658	595	605	685	5,082
Not stated	1,537	988	662	754	679	594	608	515	509	677	7,523
Total	8,494	8,231	7,877	8,990	9,839	10,251	12,092	11,683	11,638	13,715	102,810

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* Deaths per 100,000,000 miles travelled. This rate is based on gasoline consumption figures for the Province.

** Includes passenger cars, commercial vehicles, two-purpose vehicles and motorcycles (trailers not included).

19
2500—Nov 1937

PROVINCE OF ONTARIO
MOTOR VEHICLES BRANCH

SUMMARY OF MOTOR VEHICLE ACCIDENT STATISTICS ONTARIO DURING YEAR 1940

1. TYPE OF ACCIDENT

	NUMBER OF ACCIDENTS				NUMBER OF PERSONS KILLED										
	Total	Fatal	Personal Injury	Property Damage only	Previous Year's Total All Ages	Total All Ages	0-4	5-14	15-24	25-44	45-64	65 and Over	Not Stated	Male	Female
1. Collision with pedestrian	3679	286	3393		261	296	22	57	41	58	41	77		216	80
2. Collision with other automobile	7824	125	3160	4539	124	153	7	5	49	44	28	20		103	50
3. Collision with horse drawn vehicle	189	8	108	73	5	10			4	2	1	3		7	3
4. Collision with R. R. train	190	37	95	58	48	54	3	5	18	15	6	7		38	16
5. Collision with street car	271	6	117	148		8			4	2	1	1		6	2
6. Collision with other vehicles	23		12	11											
7. Collision with fixed object	1772	65	799	908	74	73	3	2	34	19	8	7		51	22
8. Collision with bicycle	1351	42	1307	2	50	42		8	23	5	3	3		42	
9. Collision with motorcycle	212	9	198	5	6	11			8	3				11	
10. Non-collision accident	1224	61	638	525	77	66	2	5	38	15	2	4		56	10
11. Miscellaneous	186	3	41	142	7	3			1	2				3	
TOTALS	16921	642	9868	6411	652	716	37	82	220	165	90	122		533	183

	NUMBER OF PERSONS INJURED										
	Previous Year's Total All Ages	Total All Ages	0-4	5-14	15-24	25-44	45-64	65 and Over	Not Stated	Male	Female
1. Collision with pedestrian	3088	3597	439	1146	557	624	319	343	169	2259	1338
2. Collision with other automobile	4409	5606	105	256	2894	1427	425	205	294	3060	2546
3. Collision with horse drawn vehicle	135	143	2	7	62	34	17	13	8	123	20
4. Collision with R. R. train	124	188	3	6	106	39	11	6	17	136	52
5. Collision with street car	148	175	2	4	91	55	12	8	3	116	59
6. Collision with other vehicles	22	18			8	6	2		2	15	3
7. Collision with fixed object	1198	1290	17	27	766	298	73	42	67	836	454
8. Collision with bicycle	1309	1344		378	650	186	47	30	53	1164	180
9. Collision with motorcycle	163	238		2	209	15	2	2	8	220	18
10. Non-collision accident	988	1055	8	47	615	239	59	35	52	680	375
11. Miscellaneous	54	61	3	8	34	8	3	1	4	28	33
TOTALS	11636	13715	579	1881	5992	2931	970	685	677	8637	5078

2. HOUR OF OCCURRENCE

	NUMBER OF ACCIDENTS			
	Total	Fatal	Personal Injury	Property Damage Only
12 to 1 A.M.	844	32	479	333
1 to 2 A.M.	536	19	293	224
2 to 3 A.M.	376	16	190	170
3 to 4 A.M.	253	14	110	129
4 to 5 A.M.	173	8	73	92
5 to 6 A.M.	143	1	70	72
6 to 7 A.M.	247	11	141	95
7 to 8 A.M.	380	13	214	153
8 to 9 A.M.	442	16	239	187
9 to 10 A.M.	415	11	236	168
10 to 11 A.M.	540	23	275	242
11 to 12 A.M.	741	36	404	301
12 to 1 P.M.	808	21	487	300
1 to 2 P.M.	717	18	411	288
2 to 3 P.M.	825	27	459	339
3 to 4 P.M.	854	30	500	324
4 to 5 P.M.	1093	27	683	383
5 to 6 P.M.	1383	44	859	480
6 to 7 P.M.	1141	44	725	372
7 to 8 P.M.	1201	63	742	396
8 to 9 P.M.	1149	55	714	380
9 to 10 P.M.	918	43	571	304
10 to 11 P.M.	797	37	465	295
11 to 12 P.M.	880	32	491	357
Not stated	65	1	37	27
TOTALS	16921	642	9868	6411

3. DAY OF OCCURRENCE

	NUMBER OF ACCIDENTS			
	Total	Fatal	Personal Injury	Property Damage Only
1. Sunday	2634	109	1556	969
2. Monday	2287	87	1353	847
3. Tuesday	2198	77	1230	891
4. Wednesday	1985	78	1158	749
5. Thursday	2097	84	1207	806
6. Friday	2395	84	1409	902
7. Saturday	3323	123	1953	1247
8. Not stated	2		2	
TOTALS	16921	642	9868	6411

4. THE DRIVER

	NUMBER OF DRIVERS			
	Total	In Fatal Accidents	In Personal Injury Accidents	In Prop'rty Damage Accidents
SEX				
1. Male	23733	751	12515	10467
2. Female	1548	32	886	630
AGE				
1. Under 16 years	600	18	319	263
2. 16 to 24 years	6229	195	3282	2752
3. 25 to 40 years	10990	355	5848	4787
4. 41 to 54 years	5048	128	2716	2204
5. 55 to 64 years	1582	50	825	707
6. 65 years and over	535	28	279	228
7. Not stated	297	9	132	156
DRIVING EXPERIENCE				
1. Less than 3 months	288	12	161	115
2. 3 to 6 months	193	7	113	73
3. 6 to 12 months	240	5	134	101
4. 1 to 5 years	4573	123	2475	1975
5. 5 years and over	18707	517	9875	8315
6. Not stated	1280	119	643	518
CONDITION				
1. Intoxicated	297	12	161	124
2. Physical defect	63	7	35	21
3. Extreme fatigue	201	11	88	102
4. Normal	24720	753	13117	10850
LICENSE				
1. Licensed	24817	767	13142	10908
2. Unlicensed	463	16	259	188
3. Not stated	1			1
Total number of drivers	25281	783	13401	11097
MISCELLANEOUS				
1. Hit and run	95	16	54	25
2. Hit and run apprehended	189	18	81	90
3. Arrested or summoned	4013	137	2153	1723
4. Non-residents arrested	194	10	91	93
Totals	4491	181	2379	1931

5. RESIDENCE OF DRIVER

	NUMBER OF DRIVERS			
	Total	In Fatal Accidents	In Personal Injury Accidents	In Prop'rty Damage Accidents
1. Ontario	24057	728	12798	10531
2. Quebec	270	10	132	128
3. Other provinces	116	2	54	60
4. Michigan	410	18	207	185
5. Ohio	47	3	24	20
6. New York	245	14	125	106
7. Illinois	24		13	11
8. Massachusetts	11	1	5	5
9. Pennsylvania	22	2	11	9
10. Other states	76	3	32	41
11. All others	3	2		1
Totals	25281	783	13401	11097

6. ACTION OF DRIVER

	Total	In Fatal Accidents	In Personal Injury Accidents	In Prop'rty Damage Only Accidents
1. Speed too fast for road or traffic conditions	2145	108	1112	925
2. On wrong side of road	1435	49	650	736
3. Did not have right of way	1168	24	566	578
4. Cutting in	138	4	62	72
5. Passing standing street car	30		26	4
6. Passing on curve or hill	84	4	36	44
7. Passing on wrong side	27		13	14
8. Failed to signal	233		86	147
9. Car ran away—no driver	32	3	9	20
10. Drove off roadway	566	31	289	246
Totals	5858	223	2849	2786

7. DIRECTION OF TRAVEL

	NUMBER OF VEHICLES			
	Total	Fatal	Personal Injury	Property Damage Only
1. Going straight	19913	713	10637	8563
2. Turning right	625	12	352	261
3. Turning left	2062	21	1119	922
4. Backing	259	10	166	83
5. Parked or standing still	1783	22	802	959
6. Slowing down or stopping	631	10	285	336
7. Skidding	994	23	429	542
Totals	26267	811	13790	11666

8. AMOUNT OF PROPERTY DAMAGE

$ 2,510,152.

9. THE VEHICLE

	NUMBER OF VEHICLES			
	Total	In Fatal Accidents	In Personal Injury Accidents	In Prop'rty Damage Accidents
TYPE				
1. Passenger car	21192	604	11369	9219
2. Commercial vehicle	4065	171	1821	2073
3. Taxicab	324	5	147	172
4. Bus	198	7	103	88
5. Motorcycle	305	14	282	9
6. Trailer	114	3	41	70
7. All others	37	1	14	22
8. Not stated	32	6	13	13
Totals	26267	811	13790	11666
CONDITION				
1. In apparent good condition	25027	753	13110	11164
2. Brakes defective	342	27	221	94
3. Steering mechanism defective	109		59	50
4. Glaring headlights	23	1	8	14
5. One or both headlights out	92	4	45	43
6. Tail-light out or obscured	60	2	19	39
7. No chain (wet or icy road)	2		1	1
8. Other defects in equipment	181	5	106	70
9. Puncture or blow-out	243	6	130	107
10. Not stated	188	13	91	84
Totals	26267	811	13790	11666
BRAKES				
1. Two-wheel	738	37	538	163
2. Four-wheel	25326	762	13151	11413
3. Not stated	203	12	101	90
Totals	26267	811	13790	11666
TIRES				
1. Pneumatic (high pressure)	1301	66	558	677
2. Semi-balloon or balloon	24760	733	13129	10898
3. Solid rubber	5		2	3
4. Not stated	201	12	101	88
Totals	26267	811	13790	11666
INSURANCE				
1. Insured	15195	421	7473	7301
2. Un-insured	9306	284	5379	3643
3. Not stated	1766	106	938	722
Totals	26267	811	13790	11666

10. Weather Conditions

	NUMBER OF ACCIDENTS			
	Total	Fatal	Personal Injury	Property Damage Only
1. Clear	10949	422	6628	3899
2. Cloudy	2648	121	1493	1034
3. Fog	288	13	139	136
4. Rain	1839	64	1076	699
5. Snow or Sleet	1197	22	532	643
6. Not stated				
Totals	16921	642	9868	6411

11. Light Conditions

	NUMBER OF ACCIDENTS			
	Total	Fatal	Personal Injury	Property Damage Only
1. Daylight	9038	289	5367	3382
2. Dusk	748	21	417	310
3. Dark	7127	331	4079	2717
4. Not stated	8	1	5	2
Totals	16921	642	9868	6411

12. THE PEDESTRIAN

	No. Accidents	
	Fatal	Non-Fatal
ACTIONS		
Crossing at street intersections:		
1. (a) With signal	2	127
2. (b) Against signal	1	115
3. (c) No signal	33	617
4. (d) Diagonally	7	70
5. Crossing between intersections	54	679
6. Waiting for or getting on or off street car	2	62
7. Standing in safety zone		10
8. Getting on or off other vehicle	5	33
9. Children playing in street	34	681
10. At work in roadway	12	79
11. Riding or hitching on vehicle	3	37
12. Walking on highway	49	149
13. Coming from behind parked vehicle or object	22	454
14. Crossing highway	57	188
15. On sidewalk	5	92
CONDITION		
1. Intoxicated	9	135
2. Physical defect	11	65
3. Confused by traffic	26	299
4. View obstructed	31	569
5. Normal	209	2325
Totals	286	3393

13. CLASSIFICATION OF VICTIMS

	Killed	Injured
1. Drivers	129	2748
2. Passengers	228	5596
3. Pedestrians	298	3666
4. Others — (Persons in horse-drawn vehicles, etc.)	7	121
5. Bicyclists	42	1334
6. Motorcycle drivers	9	212
7. Motorcycle passengers	3	38
Totals	716	13715

14. NATURE OF INJURIES

	Fatal	Non-Fatal
1. Fractured skull	366	249
2. Fractured spine	56	167
3. Other fractures	42	1966
4. Concussion of brain	9	627
5. Severe general shock with bruises and cuts	12	4383
6. Slight shock and shake up	22	4293
7. Internal injuries	199	222
8. Other injuries (sprains, dislocations, wrenches, etc.)		718
9. Cuts by glass (only)	5	1083
10. Drowned	3	
11. Burned	2	7
12. Asphyxiated		
13. Not stated		
Totals	716	13715

15. THE ROAD

	NUMBER OF ACCIDENTS			
	Total	Fatal	Personal Injury	Property Damage only
LOCATION				
1. Street intersection	5091	80	3184	1827
2. Between street intersections	3729	112	2681	936
3. Rural intersection	1239	57	646	536
4. Straight road	4100	255	2040	1805
5. Private driveway	534	16	261	257
6. Curve	1120	41	537	542
7. Hill	668	32	308	328
8. R. R. crossing (a) Man on duty or gates	14	2	5	7
9. R. R. Crossing (b) Automatic signal	48	13	22	13
10. R. R. Crossing (c) Unguarded	142	23	75	44
11. Bridge	236	11	109	116
12. On ferry or dock				
Totals	16921	642	9868	6411
TYPE				
1. Earth	218	17	111	90
2. Gravel or crushed stone	1941	118	973	850
3. Paved—hard surface	14762	507	8784	5471
Totals	16921	642	9868	6411
SURFACE				
1. Dry surface	9733	438	6134	3161
2. Wet surface	2994	99	1774	1121
3. Muddy surface	65	4	38	23
4. Snowy surface	1699	50	750	899
5. Icy surface	2430	51	1172	1207
6. Not stated				
Totals	16921	642	9868	6411
CONDITION				
1. In good condition	16758	635	9783	6340
2. Defect in roadway	89	4	43	42
3. Road under repair	67	3	40	24
4. Obstruction not lighted	7		2	5
Totals	16921	642	9868	6411

J. P. BICKELL,
Registrar of Motor Vehicles.
by A.H.Rowan.

ANNUAL REPORT

OF

THE COMMISSIONER

OF THE

ONTARIO PROVINCIAL POLICE

FROM

JANUARY 1st, 1941 TO DECEMBER 31st, 1941

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 34, 1942

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1942

To His Honour Albert Matthews, Esq.,
Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to present to Your Honour the Report of The Commissioner of the Ontario Provincial Police covering the period January 1st, 1941, to December 31st, 1941.

Respectfully submitted,

G. D. CONANT,
Attorney-General.

Attorney-General's Department.

ONTARIO PROVINCIAL POLICE

Commissioner

W. H. Stringer

Deputy Commissioner

H. S. McCready

Criminal Investigation Branch

A. H. Ward, Chief Inspector

Inspectors

E. C. Gurnett, M.M.
H. Noakes
W. J. Franks
E. D. L. Hammond
A. S. Wilson
G. Mackay (C.A.S.F.)
W. H. Lougheed
A. H. Palmer
E. Wright (Prov. Const.)

Senior Staff Inspector

W. C. Killing

Staff Inspectors

A. Moss
E. T. Doyle

Liquor Control Investigation Branch

F. E. Elliott, *Chief Inspector*

District Inspectors

No. 1	District,	Windsor	District Inspector	P. Walter
No. 2	"	London	" "	C. A. Jordan
No. 3	"	Hamilton	" "	A. H. Knight
No. 4	"	Niagara Falls	" "	C. F. Airey, M.S.M.
No. 5	"	Toronto	Act. District Inspector	E. Hand
No. 6	"	Kitchener	" " "	W. A. Page
No. 7	"	Barrie	District Inspector,	R. Cox
No. 8	"	Belleville	" "	F. Gardner, M.S.M.
No. 9	"	Perth	" "	T. W. Cousans
No. 10	"	Haileybury	" "	S. Oliver
No. 11	"	Sudbury	" "	P. T. Hake
No. 12	"	Port Arthur	" "	W. G. Ingram

In Memoriam

Dr. Edgar R. Frankish, L.R.C.P. & S., Edinburgh; L.F.P. & S., Glasgow.

Medico-Legal Adviser and Provincial Pathologist for the Province of Ontario. Died October 21st, 1941, at Western Hospital, Toronto, after a brief illness.

Provincial Constable A. F. Whiteside, No. 6 District Headquarters, Kitchener, Ontario.

Appointed June 6th, 1921. Died January 9th, 1941, at his residence, 35 Highland Road, Kitchener, Ontario, after a brief illness.

Provincial Constable George E. Buck, Motorcycle Patrol, No. 9 District Headquarters, Perth, Ontario.

Appointed March 20th, 1930. Died June 24th, 1941, in Memorial Hospital, Perth, Ontario, from Coronary Thrombosis.

Provincial Constable Albert W. Stewart, Little Current Detachment, District No. 11.

Appointed January 16th, 1929. Died suddenly June 29th, 1941, on Manitoulin Island, Ontario, from Coronary Thrombosis.

Provincial Constable K. A. Patterson, Fort Frances Detachment, District No. 12.

Appointed August 24th, 1925. Died August 30th, 1941.

Provincial Constable W. A. Markle, Glencoe Detachment, District No. 2.

Appointed January 1st, 1930. Died December 17th, 1941, from the effects of an attack of Bronchitis and Pneumonia.

Special Constable George MacPherson, Minden Detachment, District No. 8.

Appointed April 20th, 1937. Died July 10th, 1941, in Memorial Hospital, Lindsay, Ontario, as a result of injuries received in an automobile accident on the Minden-Lindsay Highway, June 11th, 1941.

Report of the Commissioner of Police for Ontario

From January 1st, 1941 to December 31st, 1941

Ontario Provincial Police,
Headquarters, Toronto.

The Honourable the Attorney-General,
Parliament Buildings, Toronto, Ontario.

Sir:

I have the honour to submit, herewith, my Annual Report covering the work of the Ontario Provincial Police together with statistical data for the period January 1st, 1941, to December 31st, 1941.

The continuation of hostilities between the British Empire and the Axis Powers, with the inclusion of the United States and Russia on the side of the United Nations, and Japan on the side of the Axis, has called for much additional work and long hours for all ranks.

Special Duties

Our assistance is being continually requested in enforcing the various war enactments, such as:

The National War Services Regulations,
The National Registration Regulations,
The Firearms Registration,
The Oil Controller's Regulations (Gasoline and Oil Conservation),
Civil Defence, and similar Measures, also the rounding up of absentees and deserters.

In addition to the greatly increased number of enquiries made by the Special Branch regarding the character and antecedents of applicants for employment in War Industries, many similar enquiries have been made through the various District Headquarters. One District alone reports making over 4,000 such enquiries during the twelve months under review.

It might well be said that the absence of sabotage and the high peak of production may, to a degree, be traceable to the diligent and efficient manner in which such enquiries have been made.

Escorts

Additional important duties have been rendered by the Motorcycle Patrol in providing escorts for the numerous troop movements, mechanical convoys and guarding ammunition transportation between interprovincial and international points.

Amongst the many distinguished persons visiting the Province for whom escorts were provided have been:

H.R.H. The Duke of Kent,
Mrs. Alice Roosevelt,
Mr. Wendell Wilkie,
The Crown Prince and Crown Princess of Norway,
Senator Claude Pepper of Florida.

Regulations

On December 16th, 1941, under the provisions of The Constables Act, Chapter 140, Section 33, R.S.O., 1937, an Order-in-Council was passed bringing into effect, as from the date of the Order, new Regulations governing the Force and revoking all previous Regulations.

Uniform and Equipment

Under the provisions of the new Regulations every member of the Force below the rank of Inspector is granted a Service Badge for each five years' continuous service, such Badge entitling the wearer to an increment in pay of two dollars ($2.00) per month, the total increment not to exceed fifty dollars ($50.00) per annum.

Two matters of exceptional interest and benefit to the Force generally which are enlarged upon later in this report are:

(a) The changing of the style and colour of Summer Uniform,

(b) The substitution of Patrol Cars for motorcycles for Highway Patrol purposes.

Both of these changes have been widely and favourably commented upon—the change in uniform for the up-to-date style and comfort in hot weather, and the substitution of the Patrol Cars for their preventive value and added efficiency by reducing the number of men off duty through injuries and sickness.

Civilian Defence

The Civilian Defence Committee, A.R.P., increased its activities during the year, particularly within those areas designated by the Federal authorities as "exposed to definite risk of enemy attack".

These areas have been extended and now take in many of the important industrial centres of the Province.

The services and advice of this Force have been available and freely used by the local Committees, particularly with regard to organization and wardens' services.

Blackouts

Test Blackouts were held in the Toronto area on June 18th and September 10th, and were conceded to be generally successful, the personnel comprising the various services having benefitted greatly from the training and instruction received.

Crime

Major occurrences reported to and investigated by this Force during the year show an increase in all the more serious crimes with the exception of murder which decreased.

	1940		1941
Murder decreased from	20	to	9
Manslaughter increased from	15	to	37
Rape " "	15	to	22
Burglary " "	57	to	97
Housebreaking " "	255	to	445
Shopbreaking " "	335	to	425
Robbery " "	27	to	54
Auto Thefts " "	157	to	365
Other Thefts " "	1,663	to	2,312

The increased number of automobile thefts reported are traceable to a certain degree to the presence of the many training centres in the Province. One District Inspector reports that as many as twelve stolen automobiles have been found abandoned in a week in the vicinity of one of the large camps, such automobiles having apparently been taken as a means of returning to camp.

Traffic Control

I regret to have to report that records of accidents arising from the operation of motor vehicles on the Highways, both fatal and non-fatal, show an increase over the figures for the preceding year.

	1940	1941
Total Accidents Reported	7,159	7,455
Fatal Accidents Reported	341	377
Number of Persons Killed	391	405
Number of Accidents Causing Personal Injuries	5,660	5,850
Prosecutions under Highway Traffic Act	13,153	13,053
Prosecutions under Criminal Code, Section 285	1,342	1,784

Whether because of the presence of the new Patrol Cars or from some other cause, the number of hit-and-run cases recorded show a decrease. There are still, however, far too many of this despicable type of offender. A brief reference is made to some of the most reprehensible cases later in this report.

Personnel

Under the instructions of the Honourable the Attorney-General the strength of the Force for all ranks, including civilian clerical and chauffeur help which at the outbreak of the war in September, 1939, stood at 416, was to continue the same.

In addition, a Special Force of one hundred men was to be maintained, the qualifications to be the same as for the Regular Force; all men appointed to serve at least six months as Special Constables before being considered for the Regular Force.

As vacancies occur in the Regular Force the men best suited and qualified will be appointed from the men serving as Special Constables.

The strength of the Force on duty, all ranks, including civilian help as at December 31st, 1941, was:

Regular Force (429 less 35 on leave C.A.S.F.)	394
Special Constables	109
Veteran Guards	162
Emergency Reserve	112
Anti-Sabotage Squad	3
	780

Administration

Throughout the year I have been in continual personal touch with District Inspectors and other members of the Force at the various Districts and Detachments in each part of the Province advising and directing in the interests of increased efficiency.

Staff Inspectors from my office have also paid frequent visits to District Headquarters to instruct and inspect the personnel thereof.

On November 19th, 1941, on instructions of the Honourable the Attorney-General, I proceeded to Kirkland Lake to make a preliminary survey regarding the C.I.O. Strike. When the members of this Force were ordered to the scene of the Strike on November 23rd and 24th, I took full charge of and responsibility for the Police arrangements.

The Strike was still in progress at the end of the year.

Communications

While the Force must, for the present, still rely on the telephone and telegraph for rapid communication, an experiment with Radio was made during the Kirkland Lake Strike when a two-way Transmission Receiving Mobile Unit was installed in the Kirkland Lake Detachment Car.

This proved of the greatest benefit in dealing with the prompt receipt and dispatch of orders arising out of the Strike.

Data relating to the general activity of the Force will be found under the various sub-heads of this report and in the reports submitted by the District Inspectors and Officers in charge of branches and auxiliaries on file in my office.

DISTRIBUTION OF THE FORCE, DECEMBER 31ST, 1941

	General Headquarters	Crim. Invest. Branch	L.C.I. Branch	Headquarters Garage	No. 1 District	No. 2 District	No. 3 District	No. 4 District	No. 5 District	No. 6 District	No. 7 District	No. 8 District	No. 9 District	No. 10 District	No. 11 District	No. 12 District	Total Strength
Commissioner	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Deputy Commissioner	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Chief Inspector	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Staff Inspectors	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
Accountant	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
Inspectors, C.I.B.	..	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8
Chief Inspector, L.C.I.B.	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
District Inspectors	..	..	..	..	1	1	1	1	1	..	1	1	1	1	1	1	11
Acting District Inspectors	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	2
Sergeants	..	..	..	..	1	1	1	1	1	1	1	1	2	2	1	1	14
Patrol Sergeants, M.C.P.	..	..	..	..	..	1	1	..	1	..	..	1	1	..	..	..	5
Acting Sergeants	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1
Corporals	..	..	..	..	..	1	1	2	1	..	1	..	..	3	1	1	11
Provincial Constables	2	1	..	..	13	17	11	15	20	15	19	17	19	26	13	21	209
Prov. Constables, N.M.C.P.	..	..	..	..	..	..	..	..	..	..	2	..	..	2	3	..	7
Prov. Constables, M.C.P.	..	..	..	..	12	12	16	9	17	11	7	12	14	..	..	..	110
Inspector of Automobiles	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1
Acting Inspector of Autos.	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1
Chauffeurs	..	..	..	4	..	..	1	..	..	..	1	..	1	..	1	1	9
Secretary	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Clerks	13	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	30
TOTALS	22	13	3	7	28	34	33	29	44	29	33	33	39	35	21	26	429
Special Branch (Anti-Sab.)	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
Special Constables	5	..	..	..	9	4	9	9	20	2	4	5	8	12	10	12	109
Veteran Guards.......112	..	..	..	..	4	2	26	..	70	3	..	..	16	14	10	17	162
Emergency Reserve	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	112
GRAND TOTALS..112	27	16	3	7	41	40	68	38	134	34	37	38	63	61	41	55	815

DISTRIBUTION OF MOTOR VEHICULAR EQUIPMENT

	Head-quarters	Districts												Totals
		1	2	3	4	5	6	7	8	9	10	11	12	
Automobiles in Use by Regular Force	11	4	3	3	6	2	6	4	6	5	8	4	3	65
Highway Patrol Cars	2	3	6	7	5	7	3	5	4	4	4	2	4	56
Station Wagons	2	..	..	..	..	..	..	..	..	..	..	.	..	2
													Total	123

For purposes of administration the Province is divided into twelve Districts numbered consecutively one to twelve as follows:—

No. 1 District, Headquarters Windsor—
comprising the Counties of Essex and Kent.

No. 2 District, Headquarters London—
comprising the Counties of Lambton, Middlesex, Elgin and Oxford.

No. 3 District, Headquarters Hamilton—
comprising the Counties of Wentworth, Halton, Brant and Norfolk.

No. 4 District, Headquarters Niagara Falls—
comprising the Counties of Haldimand, Lincoln and Welland.

No. 5 District, Headquarters Toronto—
comprising the Counties of York, Peel and Ontario.

No. 6 District, Headquarters Kitchener—
comprising the Counties of Bruce, Perth, Grey, Wellington, Waterloo and Huron.

No. 7 District, Headquarters Barrie—
comprising the Counties of Simcoe and Dufferin, and the Districts of Muskoka and Parry Sound.

No. 8 District, Headquarters Belleville—
comprising the Counties of Victoria, Haliburton, Peterborough, Northumberland and Durham, Hastings, Lennox and Addington, Prince Edward and Frontenac.

No. 9 District, Headquarters Perth—
comprising the Counties of Renfrew, Lanark, Dundas, Carleton, Grenville, Russell, Prescott, Stormont, Glengarry and Leeds.

No. 10 District, Headquarters Haileybury—
comprising the Districts of Temiskaming, Cochrane, Nipissing and a portion of Algoma.

No. 11 District, Headquarters Sudbury—
comprising the Districts of Sudbury, Manitoulin Island and a portion of Algoma.

No. 12 District, Headquarters Port Arthur—
comprising the Districts of Kenora, Rainy River, Thunder Bay and Patricia.

LOCATION OF MEMBERS OF FORCE

Station or Detachment	Officers	Sergeants	Corporals	Prov. Constables	Prov. Constables M.C.P.	Special Constables	Chauffeurs and Clerks
Headquarters:							
Toronto	15			2		5	24
No. 1 District:							
Windsor Hqrs.	1	1		4		7	1
Amherstburg				1	1		
Leamington				1	1		
Belle River				1	1		
Kingsville				1	1		
Blenheim					1		
Dresden					1		
Wallaceburg				1	1		
Chatham				1	1	2	
Tilbury				1	1		
Essex					1		
Tecumseh					1		
No. 2 District:							
London Hqrs.	1	2		6	2	3	1
Glencoe				1			
Strathroy				1	1		
Sarnia				2	1	1	
St. Thomas			1	3	1		
Woodstock				1	1		
Ingersoll					1		
Lambeth					1		
Forest					1		

LOCATION OF MEMBERS OF FORCE—Continued

Station or Detachment	Officers	Sergeants	Corporals	Prov. Constables	Prov. Constables M.C.P.	Special Constables	Chauffeurs and Clerks
No. 2 District—*Con.*							
Iona					1		
Wardsville					1		
Tilsonburg				1	1		
Petrolia				1			
No. 3 District:							
Hamilton Hqrs.	1	2		4	1	9	2
Brantford			1	2	2	1	
Simcoe				2	1		
Paris					1		
Milton				1			
Waterdown					1		
Dundas					1		
Oakville					3		
Burlington					2		
Delhi				1			
Stoney Creek					3		
St. George					1		
No. 4 District:							
Niagara Falls Hqrs.	1	1		7	4	5	1
Ridgeway				1	1	1	
Fort Erie				1			
Welland			1	2	2	1	
Cayuga				2			
St. Catharines			1	2	1	1	
Grimsby					1	1	
Beamsville					1		
Hagersville					1		
Dunnville					1		
Port Colborne					1		
Smithville					1		
No. 5 District:							
Toronto Hqrs.	1	3		12	1	19	1
Brampton				1	1		
Cooksville					1		
Oshawa			1				
Whitby				1	1	1	
Beaverton				1			
Pickering					1		
Humber Bay					1		
Sunderland					1		
Thornhill						1	
Mimico					1		
Bolton				1			
Highland Creek					1		
Aurora					1		
Richmond Hill					1		
Islington					2		
Port Credit					2		
Birchcliffe					1		
Willowdale					1		
Scarboro Bluffs					1		
No. 6 District:							
Kitchener Hqrs.	1	1		4	1	1	1
Walkerton				1	1		
Wiarton				1			
Goderich				2	1		
Stratford				1	1		
Listowel				1			
Guelph				1	1		

LOCATION OF MEMBERS OF FORCE—Continued

Station or Detachment	Officers	Sergeants	Corporals	Prov. Constables	Prov. Constables M.C.P.	Special Constables	Chauffeurs and Clerks
No. 6 District—*Con.*							
Flesherton				1			
Owen Sound				1	1	1	
Mitchell					1		
Arthur				1	1		
Galt				1			
Clinton					1		
No. 7 District:							
Barrie Hqrs	1	1		6	2	2	2
Alliston				2			
Port Carling				1			
Midland				1	1		
Orillia				1	1		
Collingwood				1	1		
Orangeville				1	1		
Bracebridge				1			
Huntsville				1			
Gravenhurst				1	1		
Parry Sound			1	1		3	
Burk's Falls				1			
Bradford					1		
Elmvale				1			
Bala				1			
No. 8 District:							
Belleville Hqrs	1	2			1	4	1
Madoc				1			
Lindsay				1	1		
Minden						1	
Peterborough				1	1		
Cobourg				1			
Bowmanville				2	1		
Campbellford				1			
Napanee				1	1		
Colborne					1		
Kingston				1	2	1	
Sharbot Lake				1			
Port Hope					1		
Bancroft				1			
Havelock						1	
No. 9 District:							
Perth Hqrs	1	2		2	1	3	2
Cumberland					1		
Rockland				1			
Cornwall				1	1		
Morrisburg				1	1		
Renfrew				1	1		
Pembroke				1	1	1	
Smith's Falls					1		
Ottawa		1		3			
Brockville				1	1		
Prescott				1	1		
Hawkesbury				1	1		
L'Orignal				1			
Alexandria				1			
Arnprior					1		
Kemptville					1		
Gananoque				1	1		
Britannia Heights					1		
Barry's Bay					1		
Toledo					1		
Carleton Place					1		

LOCATION OF MEMBERS OF FORCE—Continued

Station or Detachment	Officers	Sergeants	Corporals	Prov. Constables	Prov. Constables M.C.P.	Special Constables	Chauffeurs and Clerks
No. 9 District—*Con.*							
Manotick					1	1	
Elgin					1		
Calabogie						1	
Chat's Falls						1	
No. 10 District:							
Haileybury Hqrs.	1	2		1	1	2	1
Iroquois Falls				1			
Matheson				1			
Elk Lake				1		1	
Timmins		1		2		2	
Kirkland Lake			1	1		1	
Larder Lake				1		1	
Kapuskasing				1		1	
Englehart				1			
North Bay			1	3			
Sturgeon Falls				1			
Mattawa				1			
Temagami				1			
Cochrane			1	1		1	
Hearst				1		1	
Schumacher				1		1	
Fraserdale						1	
Twin Falls						1	
Powassan				1			
No. 11 District:							
Sudbury Hqrs.	1	1		4		5	2
Warren				1			
Foleyet				1			
Little Current				1			
Sault Ste. Marie			1	2			
Blind River				1			
Chapleau				1			
Bruce Mines				1			
Wawa				1			
Gogama						1	
Espanola				1			
Massey				1			
Stinson						1	
Coniston						1	
Wahnipitae						1	
No. 12 District:							
Port Arthur	1	1		3		8	2
Fort William				1			
Nipigon				1			
Hudson				1			
Nakina				1			
Kenora		1		1		3	
Sioux Lookout				1			
Dryden				1			
Minaki				1			
Fort Frances				2			
Rainy River				1			
Red Lake				2			
Pickle Lake				1			
Geraldton				1			
Beardmore				1			
Uchi Lake				1			
Emo				1			
Fabourable Lake						1	
Schreiber				1		1	

Location of Members of Force—Continued

Station or Detachment	Officers	Sergeants	Corporals	Prov. Constables	Prov. Constables M.C.P.	Special Constables	Chauffeurs and Clerks
No. 16 District—*Con*							
Cameron Falls	....	....	....	....	....	1	....
Virgin Falls	....	....	....	....	....	1	....
Central Patricia	....	....	....	....	....	1	....
Ignace	....	....	....	....	....	1	....
Atikokan	....	....	....	....	....	1	....

CHANGE IN PERSONNEL

Promotions

On February 1st, 1941, Inspector Albert H. Ward, Criminal Investigation Branch, was promoted to the rank of Chief Inspector.

Chief Inspector Ward, who has faithfully and conscientiously fulfilled his duties on this Force, is respected not only in this Department but has a splendid reputation among other Police Forces with which he has come in contact.

On July 1st, 1941, Provincial Constable W. J. Franks, Criminal Investigation Branch, was promoted to the rank of Inspector.

On February 1st, 1941, Provincial Constable C. W. Farrow, Brantford Detachment, No. 3 District, was promoted to the rank of Corporal.

On June 1st, 1941, Provincial Constable C. W. Wood, St. Catharines Detachment, No. 4 District, was promoted to the rank of Corporal.

On June 1st, 1941, Provincial Constable Harold H. Peel, Welland Detachment, No. 4 District, was promoted to the rank of Corporal.

On August 1st, 1941, Provincial Constable M. W. Ericksen, Fort Frances Detachment, No. 12 District, was promoted to the rank of Corporal.

On November 1st, 1941, Provincial Constable A. J. Oliver, Oshawa Detachment, No. 5 District, was promoted to the rank of Corporal.

On November 1st, 1941, Provincial Constable W. J. Johnston, Sault Ste. Marie Detachment, No. 11 District, was promoted to the rank of Corporal.

Superannuation

Under Order-in-Council dated June 6th, 1941, Provincial Constable George E. Cookman, No. 3 District Headquarters, Hamilton, Ontario, was retired on superannuation by reason of physical disability (injuries and wounds received in the Great War). Provincial Constable Cookman was appointed to the Force on August 1st, 1922, and his service was one of faithfulness and efficiency.

During the period January 1st to December 31st, 1941, the following appointments to and retirements from the Force became effective:

Appointments

Provincial Constables	19	
Provincial Constables—Motorcycle Patrol	2	
		—21

Retirements		
Superannuated—Provincial Constable		1
Resignations		
Provincial Constables	12	
Provincial Constables—Motorcycle Patrol	1	
		—13
Dismissals		
Provincial Constables		7
Deaths		
Provincial Constables	4	
Provincial Constable—Motorcycle Patrol	1	
Special Constables	1	
		— 6
Total		27

Deaths

It is with regret that I have to report the death of Dr. Edgar Rae Frankish, Provincial Medico-Legal Expert and noted Criminologist, on October 21st, 1941, in the Western Hospital, Toronto, after a very brief illness.

For many years prior to his full-time appointment by the Ontario Government Dr. Frankish was keenly interested in scientific investigation of various kinds, including ballistics, human blood tests, blood groupings, etc., and his extensive practical knowledge of medicine and surgery gave him an ideal background for this particular branch of Forensic Science.

He was retained to act as medical legal adviser to the Attorney-General's Department in 1932 and in 1934 was appointed Provincial Pathologist and given control of the laboratory at No. 11 Queen's Park, which he built up to be perhaps the most outstanding medico-legal laboratory in the Dominion.

Dr. Frankish was very closely associated with this Force in the work of crime detection and in practically every case of note in the past fifteen years his expert technical and medical knowledge has been used with outstanding success.

By his death the Province lost a brilliant criminologist and every Police Department in the Province will miss his painstaking assistance and advice which was always available.

Corporals

It was noted that at some Detachments where three or more Provincial Constables were posted difficulties arose regarding authority and seniority. It was, therefore, recommended and approved that the rank of Corporal be created.

To date ten such appointments have been made, the duties of the Corporals being to take charge and control of a Detachment where three or more members of the Force are stationed and be responsible to the District Inspector for directing and apportioning the work of the Detachment, also, the supervision and control generally of the Force stationed there.

At present Corporals are in charge of Detachments at Kirkland Lake, Cochrane, North Bay, Kenora, Parry Sound, St. Catharines, Oshawa, Sault Ste. Marie, St. Thomas and Welland.

Service Badges

Under the provisions of Section 30 of the New Regulations passed by Order-in-Council, December 16th, 1941, all members of the Force below the rank of Inspector are granted Service Badges for each continuous five years' service; the Badge to take the form of a gold bar exposed vertically on the left sleeve.

Each Badge entitles the wearer to an increment in pay of two dollars ($2.00) per month, provided that such increment shall not exceed fifty dollars ($50.00) per annum.

With many men having long years of service and excellent records and still serving in the lower ranks of the Force, it was decided that as promotion of necessity was slow it would be an encouragement and inducement for them to continue to give their best in the interest of the Force if such service were recognized in some visible and tangible manner.

ENLISTMENTS

The following members of the Force have been granted Leave of Absence for War Services:

Name	Rank	Date of Enlistment	Unit
C. P. McCarthy	Clerk	Sept. 19, 1939	Ontario Tank Regiment, C.A.S.F.
A. A. Stark	Prov. Constable	Oct. 9, 1939	154th Batt. Stormont Dundas Gleng. H.
F. G. Jerome	Area Insp., M.C.P.	Oct. 7, 1939	Sq. Ldr. (APM) R.C.A.F. Resigned
W. H. Boyd	Insp. of Autos	Nov. 6, 1939	Fl. Lieut. (Service Police) R.C.A.F.
J. M. Hackl	Prov. Constable	Nov. 16, 1939	Service Police, R.C.A.F. Resigned
F. B. Creasy	District Inspector	Mar. 19, 1940	Capt. 2nd Div. Provost Coy., C.A.S.F.
A. Swan	Clerk	May 6, 1940	2nd Div. Provost Coy, C.A.S.F.
L. C. Carr	Prov. Constable	May 6, 1940	Fl. Officer (APM), R.C.A.F.
R. G. France	Prov. Con., M.C.P.	May 11, 1940	Fl. Officer (APM), R.C.A.F.
I. R. Robbie	Prov. Constable	May 22, 1940	Capt. O.C. 3rd Div. Prov. Coy., C.A.S.F.
W. Gilling	Prov. Constable	May 30, 1940	2nd Div. Provost Coy., C.A.S.F.
W. A. Kennedy	Prov. Con., M.C.P.	June 1, 1940	48th Highlanders, C.A.S.F.
J. B. Sheff	Prov. Constable	June 7, 1940	Capt. 4th Div. Prov. Coy., C.A.S.F.
A. J. Davies	Prov. Con., M.C.P.	June 12, 1940	Lieut. R.C.A.M.C., C.A.S.F., Resigned.
R. E. Johnson	Prov. Constable	June 20, 1940	Corp. 3rd Div. Provost Coy., C.A.S.F.
A. M. Mason	Prov. Constable	June 20, 1940	Fl. Officer (APM), R.C.A.F.
R. E. Raymer	Prov. Constable	June 20, 1940	Fl. Officer (APM), R.C.A.F.
S. Ervine	Prov. Con., M.C.P.	July 3, 1940	Capt. Hastings P.E. Regt., C.A.S.F.
Geo. Mackay	Inspector, C.I.B.	July 17, 1940	Lieut. 3rd Div. Provost Coy., C.A.S.F.
A. L. Mennie	Prov. Constable	Aug. 3, 1940	47th Field Battalion, C.A.S.F.
G. Hughes	Prov. Constable	Aug. 4, 1940	Cameron Highlanders, C.A.S.F.
W. E. Smith	Prov. Constable	Aug. 5, 1940	Royal Canadian Artillery, C.A.S.F.
G. V. Clubbe	Prov. Constable	Aug. 7, 1940	Lieut. 4th Div. Provost Coy, C.A.S.F.
L. L. Shipley	Prov. Constable	Aug. 7, 1940	Lieut. 4th Div. Provost Coy., C.A.S.F.
J. M. Hinchliffe	Prov. Con., M.C.P.	Aug. 14, 1940	Lieut. Princess Louise Rifles, Returned October 7, 1941.
J. D. Crosson	Prov. Constable	Aug. 27, 1940	3rd Division Provost Coy., C.A.S.F.
R. J. Taggart	Prov. Constable	Sept. 2, 1940	Lieut., Queen's York Rangers, C.A.S.F.
A. McColl	Prov. Constable	Sept. 11, 1940	c/o British Admiralty, Trinidad.
T. W. Oldfield	Prov. Constable	Oct. 9, 1940	11th Provost Coy., C.A.S.F. Resigned.
J. W. Callander	Prov. Con., M.C.P.	Oct. 11, 1940	11th Provost Coy., C.A.S.F.
L. R. Taylor	Prov. Constable	Oct. 14, 1940	Royal Can. Air Force. Ret'd, July 4, 1941.
D. G. Campbell	Prov. Constable	Mar. 3, 1941	Lieut., C.A.S.F.
J. F. MacLean	Prov. Constable	Mar. 3, 1941	Lieut., C.A.S.F.
P. J. Grant	Prov. Con., M.C.P.	May 24, 1941	Sergt. Instructor, R.C.A.F.
H. R. McKellar	Prov. Con., M.C.P.	July 3, 1941	Lieut., C.A.S.F.
C. W. Farrow	Corporal	July 5, 1941	Flying Officer, R.C.A.F.
J. A. Rogers	Prov. Constable	Aug. 3, 1941	Lieut., C.O.T.C., C.A.S.F.
T. A. Houldcroft	Prov. Constable	Aug. 18, 1941	A.C. 2, R.C.A.F.
E. S. Callaghan	Prov. Constable	Oct. 14, 1941	Lieut., C.A.S.F.
Russell Davis	Clerk	Nov. 10, 1941	A.C. 1, R.C.A.F.
J. Hanson	Prov. Constable	Nov. 17, 1941	A.C. 2, R.C.A.F.

CONDUCT AND DISCIPLINE

The conduct and discipline of all ranks has with a few exceptions been excellent, and the members of the Force have shown a commendable spirit of loyalty and efficiency in dealing with all matters brought to their attention.

The value of the work done by members of the Force on detachment duty cannot always be measured by statistical records. There are many problems satisfactorily handled that are not statistically recorded.

COMMENDATIONS

Forty-five members of the Force were commended in Police Orders during the year for their devotion to duty and the exceptionally efficient and thorough manner they carried out their duties in connection with the matter under investigation or as the case may be.

SERVICE REVOLVER COMPETITION

The teams representing this Force in the Ontario Section of the Service Revolver Competition, sponsored by the Chief Constables Association of Canada, in April, 1941, were again successful in winning the Provincial Championship.

The Ontario Provincial Police Team scored 1,865 out of a possible 2,000, being surpassed for Dominion honours only by teams representing Montreal, Quebec, and Saskatoon City Police.

Table of Scores—Ontario Provincial Police

	Slow Fire	Timed Fire	
Sergeant D. H. Darby, Hamilton	48 x 50	50 x 50	
	48	50	
	48	50	
	49	49	
	193	199	392
Constable J. A. Rowe, Toronto	45 x 50	47 x 50	
	47	48	
	44	47	
	46	49	
	182	191	373
Constable E. A. Hoath, Fort Erie	45 x 50	50 x 50	
	45	49	
	45	48	
	41	50	
	176	197	373
Constable W. B. Elliott, Gravenhurst	46 x 50	49 x 50	
	46	47	
	46	49	
	43	44	
	181	189	370
Constable W. H. Clark, Toronto	43 x 50	48 x 50	
	42	49	
	44	46	
	39	46	
	168	189	357
Grand Total			1,865

In addition to the success of the team Sergeant D. H. Darby, Captain and

Coach, won the individual honours for the Dominion with the high score of 392 x 400.

At the Competitions arranged by the Police Association of Ontario and the Guelph Police Association held at Guelph, September 9th and 10th, 1941, teams representing this Force won first and second place in both the Ontario and Guelph Association Matches. Sergeant D. H. Darby with some remarkably good shooting also retained possession for the second year in succession of the trophy donated by the Ontario Police Association when he led the field with the highest individual score against representatives from Toronto, Hamilton, London, Guelph, Stratford, St. Catharines, Windsor, Trenton, Fort Erie and Wallaceburg Police Forces.

Table of Scores—Police Association of Ontario

	Slow Fire				Timed Fire				Aggregate
Darby, D. H., Sergeant	54	57	55	55	55	57	45	57	435
Rowe, J. A. Prov. Constable	53	53	52	51	56	51	54	57	427
Elliott, W. B., Prov. Constable	53	55	53	54	44	49	49	39	396
Clark, W. H., Prov. Constable	47	52	53	52	..	39	23	35	301
Hoath, E. A. Prov. Constable	51	50	48	50	44	25	54	52	374
Morris, N. F., Prov. Constable	18	36	51	40	35	44	38	36	298

Guelph Police Association

Darby, D. H., Sergeant	55	56	58	55	57	57	57	55	450
Rowe, J. A., Prov. Constable	56	59	54	56	51	57	56	54	443
Elliott, W. B., Prov. Constable	54	52	55	49	32	53	56	46	407
Clark, W. H., Prov. Constable	50	49	50	53	41	18	57	46	364
Hoath, E. A., Prov. Constable	52	48	52	53	55	45	32	46	383
Morris, N. F., Prov. Constable	28	26	40	36	42	22	34	47	275

Police Association of Ontario

Team No. 1	Team No. 2
Darby, D. H., Sergeant.	Rowe, J. A., Prov. Constable.
Elliott, W. B., Prov. Constable	Clark, W. H., Prov. Constable.
Hoath, E. A., Prov. Constable.	Morris, N. F., Prov. Constable.
Total Score 1,205	Total Score 1,026

Guelph Police Association

Team No. 1	Team No. 2
Darby, D. H., Sergeant.	Rowe, J. A., Prov. Constable.
Elliott, W. B., Prov. Constable.	Clark, W. H., Prov. Constable.
Hoath, E. A., Prov. Constable.	Morris, N. F., Prov. Constable.
Total Score 1,242	Total Score 1,082

The results, as shown above, reflect great credit on the members of this Force who composed the teams with special credit to the Captain and Coach.

THE EVOLUTION OF THE ONTARIO PROVINCIAL POLICE FORCE

An address prepared for delivery by Commissioner Wm. H. Stringer at the Annual Convention of the Chief Constables Association of Canada held at Winnipeg, Manitoba, September, 1941.

(Due to an emergency arising, requiring Commissioner Stringer's presence at Headquarters, the address was not presented.)

In the year 1792 the First Session of the First Parliament of the Province of Upper Canada met at Niagara on the 17th day of September. It will be remembered that the then Province of Upper Canada corresponds to what is now known as the Province of Ontario.

Even in those far away days, almost one hundred and fifty years ago, we find our forefathers were men of foresight in many ways, and this they demonstrated insofar as the police were concerned by first seeing to it that in this newly constituted territory a Gaol and Court House be built in every district within the Province. At that time the Province was split into Townships and Counties similar to to-day, but the Counties were additionally grouped into Districts, as for instance the District of London, the District of Niagara, and so on.

In 1793 we witness the perpetuation of the English Common Law requirement that every Free, Fit and Proper Person be liable to service as a Constable; and it is as well perhaps to bear in mind that this institution for the preservation of the peace, and the suppression and detection of crime, did not depend upon any profit or emolument, but simply upon the duty of the citizen; and its honourable nature and dignity were such that it actually constituted the badge of free citizenship. Therefore, we should be proud of our profession, and do all things requisite to the maintenance of its honour, and suitably discipline those who would sully it. It was, then, on the 31st of May, 1793, that the Second Session of that same Parliament met, and by Section 10, Chapter 2 of 33 Geo. III provision was made for the nomination and appointment yearly, and every year, by Justices of the Peace, within the respective limits of their commissions, at their general quarter sessions in the month of April, of a sufficiently discreet and proper person to serve the office of High Constable in each and every district; and also to nominate and appoint such a sufficient number of persons, as in their discretion will be necessary, to serve the office of constable in each and every parish, township, reputed township, or place. Incidentally it was provided that when any township contained less than 30 inhabitant householders, the said inhabitant householders shall be joined to and be taken as inhabitants of the township adjacent thereto. It is very interesting to note that provision was also made that no person who served in the office of constable was liable to serve in the same office within three years, except with his consent, so we see that this duty was distributed as far as possible, to the end that all well disposed persons might enjoy the badge of free citizenship.

However, the progress of the country was such, by reason of its God-given natural wealth and the industry of its people, that the day was not far distant when it was obvious that the yearly service of untrained and unremunerated ratepayers as the sole police system, would have to be superseded by the employment of remunerated police. But, foresight and wisdom is again very forcibly displayed, for our forefathers seldom, if ever, relinquished the "tried", until the "new" proved itself; and furthermore they often found a very necessary reason for the continuance of both. Indeed this is just what they did with regard to the police, and their action has survived to this day, in that the basic power and mode of appointment of Constables, remaining unrepealed, may be available in a crisis for extraordinary purposes. For example, the powers of Justices, to appoint Constables.

Will you now please take your minds from 1793 to the year 1806 (that is some thirteen years later, but still sixty-one years before Confederation) at which time the word "compensation" to be paid to constables is found, such compensation to be as the Justices of the Peace, or a majority of them, in Quarter

Sessions assembled, shall think proper (1806, S. of U.C., c. 5, s. 4 being 46, Geo. III). In passing, mention must be made that some idea of the importance of the office of Constable in those days may be gleaned from the fact that he was, by statutory provision, the presiding officer at the annual Parish or Township Meetings held for choosing and nominating for the year next ensuing, the parish or town officers, that is to say the Clerk, Assessor, Collector, Overseer, Poundkeeper, and Warden.

In 1817 one notes the word "Moiety", and provision is made for the payment of the moiety of the fine to the "Informer" (1817, S. of U.C., c. 2, s. 4-57 Geo. III) —no doubt the Police got a "look in" here—and similar provisions appear in subsequent years.

By 1822 the Magistrates were required by law to render an account annually, of the receipt and expenditure of the police tax levied in their respective districts, and to cause the same to be published. (1822, S. of U.C., c. 13–2 Geo. IV).

In 1845 by c. 38—8 Vict.—Statutes of Canada—the Courts of General Quarter Sessions to be holden in July of that year were required to frame a Table of Fees for Constables and others for all services not now remunerated by law, to be approved by the Judges of the Court of Queen's Bench at Toronto. That Table became effective as on and from 9th June, 1846, and may be found as the Schedule to Section 3 of 1859, C.S.U.C., c. 119 and c. 120—22 Vict.

Four years later than the Fee system of 1846, it was enacted that the Constable in charge of a "Lock-up House" to be appointed by General Quarter Sessions and to reside in and be one of the Constables of the Town, Township, or Village in which the Lock-up House is located, would be paid a salary (or fees) out of the funds of the County. (1850 Statutes of Canada, c. 64, s. 10; 13 and 14 Vict.)

The year 1859 marks the institution of Town Police as a body distinct from the Rural Police, each under its own respective Police Authority. One objection to the ancient system seems to have been that where everyone was a Constable, no one was to be found on the beat, and in times of general safety what was everybody's business became nobody's special concern or duty. In addition the system failed to obtain and maintain experts trained by experience. However, please note once again the wisdom of our forefathers, who, recognizing that the habitations of the rural districts were so open, and often so distant, realized that the very instinct of self-preservation would prevent the inhabitants from divesting themselves entirely of their constabulary responsibilities, no matter what; so whilst the senior police service is that of the County, District, or Province; the first truly paid constable is of the City or Town, because the inhabitants there, busy in the pursuit of wealth, were content to entrust the duty of constable to those whom they paid to do their policing for them. Hence by 1859 C.S.U.C., c. 54, s. 392, 22 Vict., we find the Council of a City or Town shall appoint one Chief Constable, and one or more constables for each ward, to hold office during the pleasure of the Council; and by s. 396 a Board of Commissioners of Police is constituted in every City; and further by s. 402 the Council shall fix and pay a reasonable remuneration to the members of the Force.

In the same year 1859 by C.S.U.C., c. 17, s. 10, General Quarter Sessions at its March sittings in each year was required to nominate and appoint a High Constable and a sufficient number of persons in each Township, Incorporated Village, Police Village, and Place in the County, *not being a City or Incorporated*

Town, to serve as constables therein. Stipendiary Magistrates in Provisional Judicial Districts were given similar powers by c. 128, s. 7.

This yearly business of appointing constables throughout the Counties of the Province, beyond the Cities and the Towns, led to the passing of an Act in 1860 the purpose of which was outlined thus:

> "So that Constables should be placed in a more permanent position than heretofore, and to save expense and inconvenience."

1859 C.S.U.C., c. 17, s. 10, 22 Vict. was repealed by 1860 S. of C., C. 8, ss.1-5, 23 Vict. and those Constables appointed at the first General Quarter Session in each County in Upper Canada (Ontario of to-day) in 1861, were, by law, to be continued in office for at least one year, and then from year to year, without reappointment, subject to the right of any Court of General Quarter Sessions to dismiss, or to appoint additional constables in their discretion.

1867 marks Confederation, and the birth of the Province by its present name of Ontario. The First Session of the First Parliament of Ontario met on 27th December, 1867.

To this point, then, we have the Rural or Provincial Police, unpaid in the main, and remunerated if at all, as a body, by Fees; there being perhaps the solitary exception of the "Lock-up House Keeper", who may have been lucky enough to draw a salary, if the County felt so disposed to pay him for his services.

The next reform was not one of pay, but of appointment; and by Ontario, 1868-9, c. 6, s. 9; 32 Vict., it is provided that High Constables and Constables may hereafter be appointed by any sitting, or adjourned sitting of General Sessions of the Peace.

Another eight years went by, and then a major reform took place, for by the "Constables Act", R.S.O. 1877, Chapter 82, the necessity of giving certain constables jurisdiction throughout the Province as a whole, became recognized, as was also the evident necessity for the appointment of certain paid constables to the end that the rural police service should not lag too far behind its urban counterpart—so, whilst that particular statute re-enacted the general provisions of the year 1860 as to High Constables, and County Constables for each Township, Incorporated Village, Police Village, and Place within each County, it also authorized County Judges to appoint between Court sittings, and by section 9 it set apart certain other Constables to be known as "Constables of every County and District in Ontario"—in other words "Provincial Constables"—and, as such, they were given authority to act in any part of the Province of Ontario. Furthermore, so that "New Ontario" should benefit as well, it was stipulated in Section 10, that the Lieut.-Governor may appoint Constables for any Provisional Judicial, Temporary Judicial, or Territorial District of Ontario, not attached to a County.

No doubt the action of the Government in setting Constables apart as Provincial Constables was intended to be in aid of its forerunner, the County Police; but it is of considerable interest to note, that in 1897, just twenty years later, it became necessary to enact that:

> "The Municipal Council of every County shall, where a High Constable has not been appointed, or where the office is vacant, appoint a High Constable for the County, and may fix his remuneration by salary or otherwise; and may allow him such sums for expenses and may supply him with accoutrements, clothing, and other necessaries as may be deemed proper (1897 R.S.O. c. 99, s. 4)".

Then, as if to give emphasis to its wishes in the matter of adequate and proper policing, section 5 added:

> "If the council fails within three months to fill the office, the appointment may be made by the County Judge, Warden, Sheriff, and County Crown Attorney, or any three of them, to continue until his appointment is confirmed, or a new appointment is made by the council".

And, for the first time in the history of the Province, these Constables (High Constables and County Constables) were made subject by section 18 of that same Act to enquiry by, and inspection of, the Inspector of Legal Offices.

The Provincial Government continued Provincial Constables by section 21 and District Constables by s. 48.

No further changes of any worthwhile consequence arose until the year 1909, when silver ore was discovered in the Cobalt area, and gold ore in the Porcupine territory. As might be expected great numbers of miners and prospectors quickly made for those areas, and more adequate policing became a necessity to the end that law and order be maintained, and proper protection afforded. This then, led to the formation of a new police force, as distinct from the appointment here and there of constables having Provincial jurisdiction, and by an Order-in-Council dated 13th October, 1909 it was provided that there should be a force of police constables to be known as the Ontario Provincial Police Force. It was later enacted by 1910, Ontario, c. 39, s. 17, 10 Edw. VII, that the Orders-in-Council passed 13th October, 1909 and 4th February, 1910, providing for the organization of the Ontario Provincial Police Force are confirmed, and as to salaries and other allowances fixed thereby shall take effect as from 1st January, 1910.

Among other things it was laid down that the Ontario Provincial Police Force should be composed of:

> A Superintendent, and such Inspectors of Criminal Investigation, Divisional Inspectors, and Constables, as the Lieutenant-Governor may deem necessary.

At this time, the Divisional Inspectors and Constables were uniformed. A later enactment added a Secretary (1914, R.S.O. c. 94, s. 17) and by s. 18, the Superintendent was made ex-officio a Police Magistrate throughout Ontario, and s. 19 stipulated that the County must pay the expenses of a member of the force furnished upon the written request of the County Crown Attorney.

The good work done by the Force led to its enlargement in 1921, and by Chapter 45 of the Statutes of Ontario for that year we find that section 3 creates a Commissioner of Police for Ontario, and authorizes additional officers, clerks, and servants as may be deemed advisable by the Lieutenant-Governor in Council. By Section 5, the Commissioner is given authority to hold inquiries into the conduct of any member of the Force. Hence discipline was put on a firmer basis.

At this juncture it will begin to appear why constant reference has been made to the County Police set-up, from which we evolved, for in 1929, Chapter 39 the Government found it necessary to enact that:

> (a) every High Constable appointed by the municipal council of any county, who is in office at the date of the commencement of this Act, shall continue . . . during the pleasure of the council, or until he resigns, or until there is a vacancy in the office through any cause.

BUT NOTE:—

> (b) in any county in which there then is no high constable, and in any county in which a vacancy shall arise, the Lieutenant-Governor-in-Council may appoint an officer for such county . . . and then it goes on to say that such officer shall be paid by the Province such salary as the Lieutenant-Governor in-Council determines.

Thus, the reader will see that in 1929 we went back to our old sphere of duty, but uniformed, and with pay; and, as an organized and trained Police Force commenced to virtually police all rural areas of the Province of Ontario in addition to assisting Municipal Police upon request. The only Counties in which we do not have this primary responsibility to-day are those having a Board of Commissioners of Police controlling and governing their own Salaried County Police Force, or a County whose High Constable was in office in 1929 and still remains; but it is certain that this legislation did much to improve the status, and lot of policemen generally.

It would seem that the various stages of our evolution have now been set forth, and that it has been shown how and why the Force came into being. Those of you who are having to bow to the inroads of "Mr. Anno Domini", would perhaps now enjoy a brief "Personal History" of the Force, particularly concerning those of the Force who contributed so much in days gone by to building it up. Those who have gone to their reward may well have been personal friends of some of you; and of those still living, many may prize your friendship. It always seems good and proper to remember and pay tribute to the "Old Brigade", for the very soul of a Police Force is to be found in its personnel; and if all cannot be remembered by name, there are still those who are dear to the majority of the Force, and to the Police Service of the country as a whole.

To turn then from the strictly impersonal side of this narrative, to the personal, it would seem that the first appointment of an actual Salaried Provincial Constable was that of John W. Murray, which was made permanent as from March 16th, 1877, following two years temporary service as Government Detective. His book "Memoirs of a Great Detective", published by William Heineman, London, makes very interesting reading, particularly the case of the murder of Frederick Cornwallis Benwell in February, 1890, in the Township of Blenheim, Oxford County. Mr. Murray conducted the investigation into this famous case resulting in the arrest and conviction for murder of John Reginald Birchall. He died in the year 1905.

The next appointment appears to be that of Joseph E. Rogers, appointed permanently as a Provincial Constable in December, 1884, its first Commanding Officer with the title of Superintendent in 1909, and who retired in 1923 as Superintendent in charge of the Criminal Branch of the Investigation Department of the Ontario Provincial Police. Mr. Rogers died at his home, 169 Jameson Avenue, Toronto, on April 11th, 1939.

William D. Greer was appointed as a Provincial Constable in May, 1887, retiring in 1927 as Senior Inspector of the Criminal Investigation Branch. He died at his home at Toronto on February 2nd, 1935.

After the death of Mr. Murray in 1905, John Miller of the Hamilton Police Department was appointed (November, 1907) as Inspector of Criminal Investigation and stationed at Toronto. Mr. Miller retired in April, 1938, and at his retirement was Acting Chief Inspector, of the Criminal Investigation Branch.

Upon organization of the Force in 1909 it comprised between forty-five and fifty men, made up principally of those men who had previously been given the powers of a Provincial Constable with Major Joseph E. Rogers, as Superintendent in Command of the Force, and Wm. D. Greer as Senior Inspector.

In 1910 A. B. Boyd and Henry Reburn were appointed to the Force as Inspectors of Criminal Investigation. The Force was first of all divided into two Divisions; the Southern Division, with Headquarters at Niagara Falls, in charge of Inspector W. H. Mains, and the Northern Division, with Headquarters at Cobalt in charge of Inspector George Colbeck. A year or so later two more Divisions were formed. The Central Division at Sudbury, under Inspector A. E. Storie, and the Western Division at Kenora, with Inspector M. Emmons in charge. Inspector Emmons resigned shortly afterwards and the Western Division Headquarters were moved to Fort William, and Provincial Constable G. McCurdy, of Chapleau was promoted as Divisional Inspector, to take charge of this Division.

In 1914, the organization was:

A Superintendent (Major Joseph E. Rogers).
A Secretary.
Inspectors, C.I.B. (4).
Divisional Inspectors (4) at Niagara Falls, Cobalt, Sudbury and Fort William.
Provincial Constables, 45 to 48, stationed mostly along the International Boundary and in the unorganized districts of the Province.

The Force at this time investigated all the serious crimes, including arson and fires of a suspicious nature. (The Fire Marshal's Office was not established until 1916). In addition they supervised the conduct of circuses and travelling shows that entered the Province annually. They enforced the Game and Fisheries Act and materially assisted in the enforcement of the Liquor License Act of that period. Superintendent Rogers also had charge of all cases in Ontario under "The Extradition Treaty" and the "Fugitive Offenders Act"; and in addition was a Provincial Coroner.

The Force continued under this same organization for some years with few changes. Provincial Constable W. H. Stringer of Sarnia was appointed Inspector, C.I.B., March 1920, following the retirement of Inspector Reburn. Late in 1920 an additional number of Constables were appointed to the Force. This under the administration of the Honourable W. E. Raney, Attorney-General. A complete re-organization of the Force took place in 1921 under the authority of "The Ontario Provincial Police Act 1921" when the appointment of a Commissioner of Police for Ontario (Major-General H. M. Cawthra-Elliott, C.B., C.M.G.) was made and the strength of the Force throughout Ontario considerably increased. One of the primary reasons for the re-organization was the consolidation of the Provincial Police and the liquor law enforcement officers as up to this time the direct responsibility for liquor law enforcement was in the hands of the Board of License Commissioners under the Provincial Secretary's Department, and the police only assisted in the enforcement of the Act.

In 1922 a further re-organization took place. Major-General Cawthra-Elliott retired and was succeeded by Major-General V. A. S. Williams, C.M.G., on May 12th, 1922, and Alfred Cuddy, Esq., former Commissioner of the Alberta Provincial Police was appointed Assistant Commissioner on May 15th, 1922.

At this time the Investigation Department at Headquarters was divided into two branches, The Criminal Branch, under Superintendent Joseph E.

Rogers, and the O.T.A. (Liquor) Branch, under Assistant Commissioner A. Cuddy. The Province was then divided into 9 Police Districts designated by numbers 1 to 9 inclusive, with District Headquarters at Windsor, Niagara Falls, Kitchener, Toronto, Belleville, Ottawa, Cobalt, Sudbury, and Port Arthur, each under the command of a District Inspector.

In July 1922, authorization was granted for the appointment of Sergeants, and one such appointment was made for Headquarters at that time. The following year one Sergeant was appointed for each district.

At the end of October, 1922, the total strength of the Force was 195 all ranks.

During October, 1922, a disastrous fire swept through the District of Temiskaming covering an area of 21 townships, more or less completely destroying 16 towns, villages, and settlements, and rendering 1,774 families homeless and taking at least 45 lives.

A Staff Inspector and a detachment of the Force were sent from Toronto to assist the members of the Force already stationed in the area, taking with them tents, clothing, food and other necessary supplies for distribution to the now homeless settlers.

This was a tremendous job, considering the havoc wrought by the fire to roads, bridges, culverts, etc., and the work done by our men, in conjunction with the Red Cross and other relief bodies, was most excellent and in many cases entailed long and arduous hours of work, i.e., one of our men went 88 hours without sleep, adequate food or clothing, packing in supplies to settlers in the back districts performing feats of strength and endurance which won him much praise.

In December, 1922, Assistant Commissioner A. Cuddy took over the Criminal Branch of the Investigation Department following the retirement of Superintendent Joseph E. Rogers, and a Staff Inspector relieved him in charge of the O.T.A. Branch.

From 1922 to 1927 the Force increased in numbers and although the enforcement of the Ontario Temperance Act was the duty of the O.T.A. Investigation Branch with O.T.A. Inspectors, Provincial Officers O.T.A., and Special Officers, there was more or less dual control of this branch of the Force with the Board of License Commissioners having considerable to say in this connection with many changes being made in the office of Inspector in charge of the O.T.A. Enforcement Branch. Also during 1927 certain counties were taken from the regular police districts and created Special Districts due to special conditions in connection with liquor law enforcement. The City of Hamilton and the County of Wentworth was one such district. The City of Toronto and the County of York was another. The Border Cities (Windsor, Sandwich et al) and the County of Essex was another, and the last one was the Algonquin Park area. This latter was only for a short time however.

With the repeal of the Ontario Temperance Act on May 31st, 1927, the appointments of all officers who had been engaged to enforce the provisions of that Act were automatically cancelled. Approximately 50% of the personnel were reappointed to assist in enforcing the Liquor Control Act, the majority of the remainder being employed in various capacities by the Liquor Control Board.

In February, 1929, an Ontario Provincial Police Training School was established at Headquarters to which all new appointees to the Force were attached for a period of training, and were obliged to pass qualifying examinations before being posted to a District Headquarters or detachment; and later members of the Force posted outside of Headquarters were called in for refresher courses.

Effective February 1st, 1929, a re-organization was made and the ranks of Chief Provincial Inspector, Provincial Inspector and Provincial Officer were abolished, and a staff of Inspectors with the rank of Staff Inspector was established at Headquarters to be on the personal staff of the Commissioner for general inspection and supervisory work, and for training members of the Force, etc. Also a Liquor Control Investigation Branch was established at Headquarters, under a Chief Inspector.

As previously stated in this article—in 1929 the "Constables Act" was amended with a view to establishing closer relations and co-operation between the Provincial Police Force and the County Constabularies. The main effect of the amendment was that any further appointment to the office of High Constable was to be made by the Lieutenant-Governor-in-Council.

During 1929 twenty-eight Counties took advantage of this legislation and a member of this Force was appointed as Acting High Constable in each of these Counties, and at the present time there are only two Counties (York and Lanark) in which the High Constable is not a member of this Force. This has increased police efficiency throughout the Province by making for better and more uniform law enforcement.

In 1930 the designation of Special Districts was abolished and the Province was then divided into 12 Police Districts, numbered 1 to 12 with District Headquarters at Windsor, London, Hamilton, Niagara Falls, Toronto, Kitchener, Barrie, Belleville, Ottawa, Haileybury, Sudbury, and Port Arthur. The Headquarters of No. 9 District was later moved from Ottawa to Perth.

In March 1930 the control and administration of the officers who had been engaged in enforcing the Highway Traffic Act were transferred from the Department of Public Highways to the Department of the Attorney-General and placed under the Commissioner of the Ontario Provincial Police for a period of four months tentative to the transfer being made permanent.

In July 1930 these men were all appointed to the permanent staff as Provincial Constables, with the same powers as other members of the Force, but were employed primarily in the enforcement of the Highway Traffic Act and for traffic control on the Provincial Highways riding motorcycles in the performance of this duty. This unit was to some extent reorganized and known as the Motorcycle Patrol, Ontario Provincial Police, with a Staff Inspector in charge, and the Province south of the Severn River divided into three areas (Eastern, Central and Western) with an Area Inspector in charge of each area.

At the time this unit came to us their strength was three Inspectors and 67 Traffic Officers.

In that portion of the Province north of the Severn River the roads were under the jurisdiction of the Department of Northern Development and the patrolling of these roads was done by members of the Northern Motorcycle Patrol, who when the roads became impassable in the winter performed regular detachment duties.

Assistant Commissioner A. Cuddy retired to superannuation on January 12th, 1933, and the position of Assistant Commissioner was abolished. Inspector W. H. Stringer was promoted to the rank of Chief Inspector C.I.B. and was placed in charge of the C.I.B. as from January 12th, 1933, and on July 1st, 1935, was appointed to the Fire Marshal's Branch of the Attorney-General's Department as Deputy Fire Marshal of Ontario. He returned to the Force as Commissioner of Police for Ontario on September 3rd, 1939, upon the retirement of Major-General V. A. S. Williams, C.M.G.

Inspector John Miller succeeded Chief Inspector Stringer in charge of the C.I.B. with the rank of Acting Chief Inspector C.I.B. and upon his retirement to superannuation on April 22nd, 1938, he was succeeded by Inspector A. B. Boyd who was appointed Acting Chief Inspector C.I.B. on December 12th, 1938.

At this point, it is felt that many of you will be interested in and may benefit by a knowledge of some of the steps taken during the past few years towards modernizing the Force as to equipment; and by administrative and other changes rendering it capable of dealing efficiently with not only day to day crime, but also the increasing demands occasioned by the war.

To proceed then, on March 11th, 1935, a combined Provincial and Municipal Police Training School was inaugurated at Toronto for the training of Provincial and Municipal Police Officers, and Spring and Fall Sessions are held each year. Prominent legal, medico-legal, and technical specialists lecture to the classes, as also do senior police officers of the Toronto Police and of our own Force.

In 1937, at the time of the C.I.O. invasion of Ontario, the Ontario Provincial Police Reserve was formed. A number of men were recruited, sworn in as Provincial Special Constables, and given a period of intensive training. After the critical period was over, they were released to their ordinary occupations and required to report periodically to the Inspector in charge, and were paid a small retainer for so doing. They agreed to report for service when called upon to do so.

At the end of August, 1939, when it was seen that war in Europe was inevitable and that we might anticipate possible attempted sabotage in this country, the Ontario Government decided that the Ontario Hydro-Electric Power Commission Utilities were vulnerable to such acts and authorized the employment of returned soldiers to guard such plants. These men were secured through the National Veterans Committee who co-operated fully with this Force. In this connection we employed a body of men between the ages of 42 and 60 designated "Veterans Guard—Ontario Provincial Police", with an initial strength of about 450. This was increased from time to time until a maximum of 760 was reached. This was later reduced, until on December 31st, 1941, the strength was 139. These men are provided with a special uniform, armed with repeating riot type shotguns, and are supervised by regular members of the Force, and by Provincial Special Constables of the Ontario Provincial Police Reserve.

On January 1st, 1940, the then styled Motorcycle Patrol Branch was abolished, and the Patrol ceased to function as a separate unit of administration. Its personnel were immediately transferred to the Command of the District Inspectors in whose district they were stationed at that time. While these Constables are still primarily engaged in the same duties as before, they are now grouped under the immediate control of the District Inspector, and are thus subject to the supervision of his staff at any and all times. This change has not only led to economy, but what is of prime importance, it has definitely resulted in greater efficiency as regards general law enforcement throughout the Province. Incidental to this change over was the elimination of Area Inspectors, and the creation of Patrol Sergeants, stationed at certain District Headquarters, and yet made available to one or more District Inspectors according to local conditions. Arising out of the study, enabled by this important administrative change, was the equally important decision approved of by the Government to bring about the gradual elimination of Motorcycles for Patrol Duty on High Speed Highways, especially in the open country.

Communications.

While for the most part the Force must as yet resort to telephone and telegraph for rapid communication, an experimental commencement in the field of Radio has been made, and to date with excellent results. Necessity knows few bounds, and is the "Mother of Invention". The absolute necessity of prompt and efficient transmission of orders, instructions, and advice in the Kirkland Lake Area, arising out of the Strike of Gold Miners in November last; plus the evident wisdom of deploying man-power to the very best advantage so as to circumvent the numerical superiority of the striking element, led to the co-operation of the Teck Township Police Department with our Force in this regard, with the result that authority was granted for the installation of a two-way type Frequency Modulation Transmission Receiving Mobile Unit for the Kirkland Lake Detachment Car with the addition of a loud speaker unit in the Detachment Office where all police calls emanating from the Township of Teck Police Department can thus be received.

It is quite probable that the extension of this humble beginning arising out of some such a system of co-operation with local police equipped with the most modern radio equipment, namely Frequency Modulation Type, may prove to be the most satisfactory and economical way, for all concerned, to bring about rapid, reliable, and efficient interpolice communication throughout the Province of Ontario.

SPECIAL BRANCH

The Special Branch or Anti-Sabotage Squad has concentrated its activities largely upon organizations suspected of subversive leanings, particularly those of Nazi and Fascist origin also Jehovah's Witnesses, the Communist Party of Canada and other organizations of lesser importance.

The work of this Branch cannot be measured in terms of arrests, prosecutions or convictions and does not show in the statistical returns.

Of special importance were the many enquiries made for the various war industries which involved a check on the history, habits and contacts of the numerous applicants for employment, chief amongst these being Defence Industries, Limited, and Canadian Industries Limited. Many other firms and organizations used the facilities of this Branch and an average of fifteen hundred (1,500) names per month have been checked and reported on.

Much time has been spent in the study of preventive measures to protect our industries in the event of an attack from without, and the special measures necessary to cope with situations arising from such action.

In the first half of the year the Communist Party continued its previous policy of condemning the war as an "Imperialistic" war and charged that the people of Canada were being led to the slaughter in the interests of "Big Business".

In April the Young Communist League distributed pamphlets attacking the Dominion Enlistment Campaign and charged that Canada's students would become cannon fodder in the "Imperialistic" war, and the May Day Manifesto of the Communist Party called upon young Canadians to "refuse to be conscripted in the 'Imperialistic' war and to further refuse to meekly accept the dictates of the ruthless military dictatorship then being established in Canada, also that it was a lie to say that the defeat of Germany by Great Britain and her Dominions would benefit the people."

There was a considerable reversal of policy after Germany attacked Russia in June, 1941, and in the July issue of the "Young Communist" articles were printed under the following heads:—

"Canadian Youth Smash Hitlerism."
"Fight for World Freedom."
"Britain and the Soviet Union."
"British Workers Support the U.S.S.R."
"Why this is our War."

This absolute change of policy was apparently received by the members of the Party without protest of any kind and resolutions were proposed by Communist Trade Unionists demanding that a second front be opened up in Europe.

There were 98 strikes worthy of notice in Ontario during the past year as compared with only 43 in 1940, but few were of major importance.

It was found that the epidemic of strikes that swept the Province in the Spring of the year was the outcome of an intensive organization drive instigated by the Congress for Industrial Organization in an endeavour to gain control of workers affected and it was highly significant that well over 80% of the strikes in this Province during the year were caused by and through unions affiliated with the C.I.O.

The more important strikes were organized by the following Unions affiliated with the Congress for Industrial Organization and at least one strike of importance is found under each head:—

STEEL WORKERS' ORGANIZING COMMITTEE:
National Steel Car Corporation, Hamilton,
Canadian Acme Screw & Gear Company, Toronto,
W. D. Beath & Sons Limited, Toronto.

PACKINGHOUSE WORKERS' ORGANIZING COMMITTEE:
Campbell Soup Company, Toronto,
Lever Brothers Limited, Toronto,
Dumarts Limited, Kitchener.

TEXTILE WORKERS' ORGANIZING COMMITTEE:
Canadian Cottons Limited, Cornwall,
Canadian Cottons Limited, Hamilton,
Schoeffields Woollen Mills, Oshawa.

UNITED AUTOMOBILE WORKERS OF AMERICA:
McKinnon Industries Limited, St. Catharines,
Chrysler Corporation Limited, Windsor.

United Mine, Mill & Smelter Workers of America:

Gold Mines at Kirkland Lake.

United Electrical, Radio & Machine Workers of America:

Canadian General Electric Co., Ltd., Toronto,
Canadian Westinghouse Company, Hamilton.

The Special Branch also investigates accidents in essential industries where it is believed there may be possibility of sabotage. The more important of such accidents during 1941 were:—

Accident at Lake Shore Mine, Kirkland Lake, Ontario, April 14th, 1941.

At 7.45 a.m., April 14th, 1941, the Underground Powder Storage Magazine on the 3,700 foot level of the Lake Shore Gold Mine, Kirkland Lake, Ontario, blew up, instantly killing Leo Wilmont Murphy, Motorman's Helper, aged 21, Canadian, married, a resident of Kirkland Lake.

The Inspector in charge of the Special Branch proceeded to Kirkland Lake, and, after exhaustive investigation, in company with the Mine Inspector, Ontario Department of Mines, and officials of the Lake Shore Mine, no indication that this explosion was sabotage was found and there was no evidence to support such a theory. It was also judged impossible to determine the actual cause of the explosion, in view of the unpredictable nature of the explosive (dynamite).

Fatal Explosion and Fire at the Welland Chemical Plant, Port Robinson, Ontario, September 3rd, 1941.

At about 1.30 p.m., September 3rd, 1941, an explosion occurred at the Welland Chemical Plant, Port Robinson, Ontario, in a building in which various chemicals are subjected to a mixing process, an intermediate stage in the production of explosives. The explosion resulted in the death of three persons, employees of the company, and inflicted minor injuries on thirteen others.

The Inspector in charge of the Special Branch, Ontario Provincial Police, in company with Professor L. Joslyn Rogers, University of Toronto, and representatives of the Royal Canadian Mounted Police, proceeded to the scene immediately. Following intensive investigation together with officials of the Allied War Supplies Corporation, and the Department of Munitions & Supply, it was determined that there was no indication of sabotage, and that an accidental explosion occurred, caused by the presence of too much pressure in a tank during a mixing process.

Explosion at Defence Industries Limited, Nobel, Ontario, October 6th, 1941.

An explosion occurred on October 6th, 1941, at the Defence Industries Limited plant at Nobel, Ontario. The Inspector in charge of the Special Branch at once proceeded to the scene of the explosion.

Investigation revealed that the explosion had occurred at 4.33 p.m., October 6th, 1941, in what is called the Bi-Tri Nitrator Building, T.N.T. Department. It was learned that one small nitrator had become out of control, owing to the fact that the operator had left a valve open accidentally. At the time of the explosion three employees were in the building, but all managed to leave and reach a safe distance before the explosion took place.

The explosion was of a very minor nature and there was no suggestion of sabotage in this instance.

INDUSTRIAL UNREST

Strike at Campbell Soup Company's Plant, New Toronto.

On September 6th, 1941, a strike was called at the Campbell Soup Company's Factory, New Toronto, by the local branch of the Packinghouse Workers' Union, affiliated with the Congress for Industrial Organization (C.I.O.).

This strike was called at the height of the harvesting of the tomato crop and affected between three and four hundred persons employed at the plant.

To prevent the sabotaging of the entire tomato crop and the attendant ruin of the growers, an appeal was made by Premier Mitchell Hepburn to the growers and farmers for assistance to operate the factory and salvage the crop.

Prompt enthusiastic response was made to the appeal and upwards of 300 citizens of the Counties of Essex and Kent were brought to the factory under escort by buses and provided with board and accommodation and police protection.

In response to an appeal from the Municipality for police assistance, the Attorney-General approved of such assistance as deemed requisite and fifty-five of all ranks of this Force were sent to assist the local police in maintaining order, protecting life and property, and in collaboration with the Municipal Police providing protection for all those willing to work in going to and from the factory.

The strike came to an end after eight days when the workers returned to work on terms satisfactory to both company and workers.

Owing to the vigilance of this Force the work of the factory was able to proceed with very little interference and a large proportion of the tomatoes on hand and quantities being shipped at the time of the strike were prevented from becoming a total loss.

It is also satisfactory to report that no property damage or serious breach of the peace occurred during the progress of the strike.

Miners' Strike—Kirkland Lake, Township of Teck.

On the afternoon of November 18th, 1941, a strike was called by Local 240 of the International Mine, Mill and Smelter Workers' Union of America (affiliated with the C.I.O.) which affected approximately 4,000 workers employed at eight gold mines in the Kirkland Lake area.

Pickets were placed at the several mine gates and police under the Chief Constable of Kirkland Lake, with some Special Constables, were used to protect mine magazines and essential services.

Picket lines were excessive at all times, ranging from twenty to several hundred men.

On the second day of the strike many complaints were received of intimidation at the mine gates, on the streets and at workers homes. Tom McGuire, Union organizer, leader and internationl agitator, was advised and gave his word that such acts would cease and the strikers would be controlled. The intimidation, instead of lessening, increased and after the third day it was evident that a concerted plan of intimidation and terrorism was being put into effect. Assaults on workers were becoming frequent and loyal workers were being "shanghaied" by strikers and forced to proceed to the Union Office and become members of the Union.

On several occasions police were called to acts of this nature but on arrival at Union Headquarters the workers were afraid to disclose their identity, fearing that their families would suffer. Conditions rapidly became worse and on November 22nd, the Chief Constable sent the following letter to Reeve F. Carter requesting Provincial Police aid:

"His Worship Reeve Carter,
Chairman, Police Commission,
Kirkland Lake, Ontario.

Re: Provincial Police Aid

Your Worship:

Having reviewed the existing situation since having talked with you this morning and further to our meeting with Mr. McGuire, Union organizer, yesterday, I beg to report for your information that the said gentleman has not kept his promise in regard to illegal practices both at the mine gates and within the Township. In fact intimidation and other methods used have increased in number and intensity since the meeting.

Again having received definite proof of the use of organized bands of thugs by the said Union also to mobile units of intimidators, I am firmly convinced that the Union staff do not intend to carry on at least a partly clean fight; therefore, your Worship, the Union having failed to accede to our request, I request that Provincial Police aid be requested immediately.

I have the honour to be, Sir,

Your obedient servant,

(Sgd.) R. PINEGAR,
Chief Constable.

As a result of the letter from the Chief Constable the following letter was sent to the Attorney-General by Reeve Carter:

Kirkland Lake, Ontario,
November 22nd, 1941,
3.45 p.m.

The Hon. G. D. Conant,
Attorney-General,
Toronto.

Re: Strike Situation, Kirkland Lake

Dear Sir:

I enclose herewith a letter received from our Chief of Police, R. Pinegar, this afternoon.

We find it physically impossible to carry on with our existing Force who have all been working on sixteen hour shifts.

As I stated last week when in Toronto we hoped to handle the situation but the time has now come when we must seek your aid.

Chief Pinegar feels the situation would require thirty men to handle and give some relief to his own men.

Yours very truly,

(Sgd.) RICHARD J. CARTER,
Reeve.

To which letter the Honourable the Attorney-General replied by telegram as follows;

Toronto, Ontario,
November 23rd, 1941.

Mr. Richard J. Carter,
Reeve, Township of Teck,
Kirkland Lake, Ontario.

WITH REFERENCE TO YOUR LETTER OF TWENTY SECOND INSTANT IN VIEW OF YOUR REQUEST AND STATEMENT BY YOUR CHIEF CONSTABLE AS TO THE USE OF ORGANIZED BANDS OF THUGS AND MOBILE UNITS OF INTIMIDATORS PROVINCIAL POLICE ARE PROCEEDING TO KIRKLAND LAKE TODAY IN NUMBERS CONSIDERED NECESSARY BY COMMISSIONER STRINGER WHO IS ON THE GROUND NOW AND WILL BE IN COMMAND OF THEM.

G. D. CONANT, Attorney-General.

On November 23rd and 24th, members of this Force were dispatched to Kirkland Lake and at six o'clock on the morning of November 25th, 1941, one hundred and eighty-three officers and men of the Ontario Provincial Police as hereunder:

The Commissioner, one Staff Inspector, three District Inspectors, six Sergeants, four Corporals, one hundred and sixty-eight Provincial Constables, under the command of W. H. Stringer, Commissioner, took over the policing of the strike affected areas in the Township of Teck in which the following named mines are located and previously under control of Teck Township Police Force:

1. Macassa Mine.
2. Kirkland Lake Gold Mine.
3. Teck Hughes Gold Mine.
4. Lake Shore Mines.
5. Wright-Hargreaves Mine.
6. Sylvanite Gold Mines.
7. Toburn Gold Mines.
8. Bidgood-Kirkland Gold Mines. (Situated in the Township of Lebel, five miles east of Kirkland Lake.)

It was found that strikers had pitched tents at the following strategic points: the junction of Government Road and Goldthorpe Road leading to the Macassa Mine; one on brow of hill in front of and a third at entrance of Mine; in front and at rear of other affected Mines; at junction of Larder Lake Road and road to Bidgood-Kirkland Mine, thereby effectively blocking all traffic to and from said Mine. On the T. & N.O. Railway traversing north side of Mine property pickets had established themselves in shacks built of railroad ties and lumber.

After the Provincial Police assumed responsibility for policing the strike area, tents and shacks were ordered dismantled and all stoves, axes, cordwood, etc., found therein removed.

Mass picketing was prohibited and pickets reduced to six or seven at each of main entrances of the eight affected mines. It was felt that such action was necessary as a high percentage of the men on strike were of foreign or alien birth, and when in numbers sufficiently strong to intimidate the loyal workers or their families were most ruthless in their conduct.

As evidence of such conduct a stick of seventy per cent. dynamite, complete with fuse and detonator was found on the doorsteps of two miners' homes, one on Hudson Bay Avenue and the other on Book Bank Avenue. The miners had returned to their work at the mine and the homes were occupied by their wives and families.

Examination showed that the fuse had been lighted but failed to detonate the cap at the Brook Bank Avenue home.

Owing to information being received from an authoritative source that attempts would be made by strikers or their sympathizers to destroy the Ontario Hydro Power Commission's Transformer Station situated on Government Road, Kirkland Lake, it was thought necessary to have same guarded by members of this Force. Two experienced armed guards who had done duty at the Leaside Transformer Station since the outbreak of war were detailed for duty from 4.00 p.m. to 8.00 a.m. daily.

As the Ontario Hydro Commission through this transformer station supplied 12,000 horse-power direct to a number of the mines affected, and 15,000 horse-power to the Canada Northern Power Corporation for distribution to the area affected by the strike, any interference with the power supply would have been disastrous.

The sending in of sufficient numbers of all ranks of this Force had a salutory effect on strikers and their sympathizers and conceivably prevented an outbeeak similar to what had taken place in so many mining and industrial centres of the United States with its inevitable trail of bloodshed, death, and destruction of property.

From information obtained there is no doubt that it was the intention of the Union to draw a cordon so tightly around the affected mines that no person would have been able to go in or out and then by sabotage and terrorism force the operators to accede to their demands.

The strike is still in progress at the end of the year.

AIR LINE FATALITIES

Trans-Canada Airlines Fatality, Wagaming Airport, February 6th, 1941.

At about 3.40 a.m., February 6th, 1941, a Lockheed Air Liner of the Trans-Canada Air Lines en route Toronto to Winnipeg, crashed whilst attempting an emergency landing at the Wagaming Airport, near Armstrong, in the District of Thunder Bay.

The wrecked air liner was discovered at about 10.00 a.m. the morning of the crash by an aeroplane sent to the locality from Canada Airlines, Winnipeg, to assist in the search for the missing machine.

The fatality occurred some two miles south and west from the airport in the midst of densely timbered country and deep snow which hampered the efforts of the searchers in reaching the scene of the accident.

The members of this Force under the command of the District Inspector, Port Arthur, were active in forming and directing search parties as soon as advised, and after reaching the wrecked plane assisted in removing the dead bodies from the wreckage and conveying them to the Airport to await identification.

After the bodies had been identified and their personal effects checked and taken care of, they were placed on a special train to be taken to Winnipeg.

The remains of the wrecked machine was placed under guard until examination had been made by expert airline officials and members of the Civil Aviation Branch, Department of Transport, Ottawa, Ontario.

Members of the Criminal Investigation Branch were detailed to take charge of the investigation and assist the Port Arthur District officers to carry out an extensive enquiry and ascertain if possible the cause of the fatality. Representatives of the Attorney-General's Department were also on the scene to direct and assist in preparing evidence for submission to the Coroner.

An inquest was opened at Armstrong, March 4th, 1941, before Chief Coroner Smirle Lawson, on the bodies of Captain W. E. Twiss, Pilot, and First Officer E. Lloyd, the operating crew, and continued until 6.30 p.m., March 5th, when the following verdict was returned:

> "We, the jury, find that the said Captain and First Officer C. E. Lloyd came to their death at or near Armstrong Airport on the morning of February 6, 1941, by injuries sustained in an aeroplane crash, the cause of which is unknown. And we, the jury, recommend that the clearing be extended as a further safety service for landing."

Some most excellent work was done by the members of this Force in connection with this regrettable fatality, and a number of letters of appreciation were received from the Airlines Officials, legal representatives, and relatives of the deceased, referring in most commendatory terms to the very efficient manner in which the investigation was carried out, and duties performed under most difficult conditions. As an example, I quote the following excerpt from a letter received from R. H. G. Bonnycastle, Secretary for the Canadian Committee, Hudson Bay Company, Winnipeg:

> "I am writing to you about one of your officers, Sergeant Christie, who was on duty at Armstrong immediately following the fatal air accident there last week. I went there from Winnipeg to represent the family of one of the deceased passengers. I want to tell you how efficient Sergeant Christie handled a difficult situation, and the patience, tact and courtesy he exhibited throughout a very trying two days. Both he, and the Constable assisting him were as helpful and sympathetic as it was possible to be and it is a great pleasure to report this to you."

Crash of American Airlines Plane near Lawrence Station, County of Elgin, October 30th, 1941.

At about 10.05 p.m., E.S.T., October 30th, 1941, an American Airlines Plane described as a Douglas D.C. 3.B., No. 25663, and known as Air Mail 7, Trip 1, New York to Chicago, crashed on the Thompson Howe Farm near Lawrence Station in the County of Elgin.

The plane had left New York, stopped at Buffalo, and had communicated with the Airport at Jarvis, Ontario, at which time it appeared that the plane was in normal condition.

There were seventeen passengers and a crew of three aboard and all were killed when the plane crashed or in the explosion which occurred immediately after the crash. Fire broke out and most of the passengers and crew were so badly burned that identification was possible only by means of scraps of clothing, jewellery, etc., adhering to the remains.

Officers of the St. Thomas Detachment under Corporal Kelly were the first members of this Force on the scene, followed as quickly as possible by District Inspector Jordan and members of No. 2 District Headquarters, London.

Owing to the intense heat it was impossible to attempt the rescue of any of the occupants of the plane until the fire had been subdued. In this connection good work was done by the Southwold Fire Department, with the assistance of firemen and chemicals from the R.C.A.F. School at Fingal.

Upon being informed of the tragedy, the Officer Commanding, Royal Canadian Air Force Training School, Fingal, sent Flight-Lieutenant Biddle with forty men of the R.C.A.F. Security Guard who formed a cordon around the wreck and kept all unauthorized persons away from the scene. This applied particularly to photographers. No photographs of the removal of the bodies or of any human remains were permitted.

Dr. S. Lawson, Chief Coroner, Deputy Commissioner McCready, with Chief Inspector Ward, Criminal Investigation Branch, were sent from General Headquarters to take charge of the enquiry and assist in the identification of the remains.

A jury was empanelled at the scene of the crash and viewed the body of the pilot of the plane, Captain David Cooper, which body was identified by officials of the American Airlines. The enquiry was then adjourned sine die.

A Board of Enquiry was convened at St. Thomas and evidence taken from eye witnesses who saw the plane before and after the crash, also expert Canadian and American Airline Officials.

After the investigation was completed and the evidence submitted had been considered from all angles, the Honourable the Attorney-General decided that there was nothing in the evidence and reports to establish the cause of the accident with any degree of certainty and nothing would be accomplished by proceeding further with the Coroner's inquest, and that any further enquiry be left to the Dominion Department of Civil Aviation.

Many letters of commendation, complimentary to the members of this Force who worked on the investigation, were received from the officials of the American Airlines, the U.S.A. Civil Aeronautics Board, the Minister of Transport, Ottawa, and others.

The following excerpts from a letter received by the Deputy Attorney-General from Mr. C. P. Edwards, Deputy Minister of Transport, Ottawa, is an example of the many expressions of appreciation received:—

> "I have just received a copy of a letter from Mr. Edward Warner of the Civil Aeronautics Board to Mr. Howe, which I would like to quote in part for your benefit:
>
> > 'As I believe you know, I was present at St. Thomas during the early part of the sad business that has brought so many both of your people and our own to that community. I want to express my immense personal satisfaction in which I am sure all my colleagues and associates share on the smoothness with which the investigation has proceeded under these unusual conditions.
> >
> > 'I want also to express, and even more particularly, our deep appreciation of the thoughtfulness and the co-operative spirit and the readiness to render any possible assistance in pursuing any point of inquiry that any of our representatives have suggested. I want to express that appreciation more particularly to the Provincial Police.'
>
> "The officers of the Provincial Police Force have also placed us in their debt in extending every possible help and courtesy. The assistance given by Corporal Kelly of the Ontario Provincial Police has called for special commendation from the departmental officials who were on the ground."

REGULATIONS OF THE OIL CONTROLLER

Conservation of Motor Fuel:

By arrangement between the Honourable the Attorney-General and the Oil Controller of Canada members of this Force were required to enforce the orders of the Controller in connection with this matter, and the following instructions were issued August 9th, 1941, under the signature of the Honourable the Attorney-General:

MEMORANDUM FOR ALL PROVINCIAL LAW ENFORCEMENT OFFICERS

Re: Enforcement of Orders of Oil Controller:

Provincial Police are required to enforce the Orders of the Oil Controller made from time to time, in pursuance of powers conferred on him by Dominion Orders-in-Council under the Department of Munitions and Supply Act and the War Measures Act.

The Orders of the Oil Controller requiring particular attention of Provincial Police at this time are those restricting hours of sale and prohibiting the supplying of motor fuel in separate containers of any kind for use in private passenger motor vehicles.

ORDERS OF THE OIL CONTROLLER

1. Hours of Sale—

Order Numbered 005, Section 3, dated the 17th day of July, 1941, is as follows:

"3. On and after the 21st day of July, 1941, the sale and/or supply of motor fuel and/or crank case motor oil by dealers at or from dealers' stations for use in the operation of motor vehicles (excepting only tractors) and for use in motor boats and launches (excepting only such as are used solely and exclusively for commercial or industrial purposes) IS HEREBY PROHIBITED from 7.00 o'clock p.m. on each Monday, Tuesday, Wednesday, Thursday and Friday to 7.00 o'clock a.m. on the next ensuing day, and from 7.00 o'clock p.m. on each Saturday until 7.00 o'clock a.m. on the following Monday; PROVIDED that the hours specified as aforesaid shall be standard time unless daylight saving time is in force and effect at the place where any dealer's station is located and in such case the hours specified shall be daylight saving time."

Special Authority of Police Officers:

The Controller has empowered police officers to authorize the purchase or supply of motor fuel and crank case oil during prohibited hours of sale in cases of grave and real emergency such as serious illness, death, fire or serious accident, but such emergency shall not extend to circumstances where a motorist finds his motor fuel or oil exhausted. This power must be very sparingly exercised and any abuse thereof by any Provincial Police Officer will result in disciplinary action.

Standard and Daylight Saving Time:

If stations in close proximity to each other are not operating on the same time (i.e. D.S.T. or Standard Time), a full report to and instructions from Provincial Police Headquarters will be required before any action is taken.

2. Prohibition Re Containers—

Order Numbered 006, Section 3, dated the 26th day of July, 1941, is as follows:

"3. A dealer shall not hereafter dispense motor fuel for use in the operation of a motor vehicle which is licensed by any Province of Canada as a private passenger motor vehicle otherwise than to the tank of such motor vehicle and the dispensing of such motor fuel *for such purpose to a can or other separate receptacle* IS HEREBY PROHIBITED."

Penalties:

Contravention of the Oil Controller's Orders is punishable under Dominion Order-in-Council (1195) dated February 19th, 1941, Section 4.

Form of Charge:

In ordinary cases the Information charging a breach of any Order should be laid as a Summary Conviction offence. Charges as indictable offences should be laid only in exceptional cases and then only upon the express instructions of the Attorney-General or the Deputy Attorney-General.

A draft Information which may be followed according to circumstances of the case is set out in the Schedule to the Memorandum.

GENERAL INSTRUCTIONS

Warnings:

Except as mentioned in the paragraph immediately following, the Oil Controller has requested that Provincial Police, in the first instance, warn an offender for an infraction of the Orders, and if the offender again breaks the Orders after such warning, then an Information charging a breach of the Order should be laid.

Bootlegging Sales of Motor Fuel:

Provincial Police are required to be on the alert for the illegal sale of gasoline and crank case oil during prohibited hours, and more particularly for surreptitious sales, and sale at advanced prices during such hours. In these cases an Information should be laid in the first instance, without preliminary warning.

Padlock Regulation:

The Oil Controller, in addition to the penalties above provided, has power by Order to prohibit and restrain any person from dealing in or with motor fuel or oil, or from using or dealing in or with any equipment at any place or in any area or zone specified by the Oil Controller.

The Oil Controller desires to be kept informed of all offences in contravention of his Orders, and all officers shall report such offences to their Inspectors, forwarding an extra copy of the report for transmission to Headquarters, Toronto, which in turn will be forwarded to the Oil Controller.

Conservation of Motor Fuel:

It is the desire of the Oil Controller to have the public generally reduce their driving speed on highways to at least forty miles per hour for the purpose of conserving motor fuel. For the present, it is the Oil Controller's desire that this be done voluntarily. Officers are directed to courteously request motorists exceeding forty miles per hour to reduce their speed accordingly.

(Sgd.) G. D. CONANT,
Attorney-General.

Toronto, August 9th, 1941.

A copy of above instructions was forwarded to all Chiefs of Police in Ontario on August 25th, 1941, with the suggestion that, to ensure consistent procedure and co-operation, all Municipal Police Officers follow the same instructions.

The almost total lack of complaints received relative to the enforcement of the Controller's Orders is evidence that Police Forces generally are dealing with this matter in a common sense, commendable manner.

All District Inspectors of this Force make a monthly return giving the name and address of persons obtaining gas or oil, quantity received, from whom purchased, name of officer authorizing purchase, and the nature of the emergency.

THE NATIONAL RESOURCES MOBILIZATION ACT

Enforcement of National War Services Regulations (Recruits):

The Divisional Registrars under the National War Services Regulations throughout the Province have called upon the services of members of this Force to a considerable extent to assist in locating certain men who had been called for services under the National War Services Regulations and had failed to respond to the summons.

These investigations which are quite numerous take considerable time and patience by reason of the fact that many young men make every effort to avoid contact and fail to present themselves for medical examination.

It has also been found (especially in Northern Ontario) that young men who were working in lumbering, construction or mining operation at the time of their registration have since moved away leaving no forwarding address, consequently many long trips into the sparsely populated parts of the North Country, upon which a day's journey and considerable expense has been expended, are found to be futile and the subject of the enquiry quite often is not located.

ONTARIO VOLUNTEER CONSTABULARY

The present strength of the Ontario Volunteer Constabulary is 523 all ranks.

Provincial Headquarters is located at Room 520, Parliament Buildings, Toronto.

District Headquarters have been established at Windsor, London, Hamilton, Toronto, Kitchener, Belleville and Timmins. Detachments opened within the Districts are located at St. Thomas, Norwich, Peterborough and Gananoque.

Training has continued weekly in accordance with the syllabus provided. Many members of the Ontario Volunteer Constabulary during the year were awarded First Aid Certificates by the St. John Ambulance Association.

Mr. A. Q. C. O'Brien resigned as Superintendent on August 4th, 1941.

I inspected the Toronto, Hamilton, London and Kitchener Branches, and was very much impressed with the soldierly bearing and smartness of all ranks, their clean appearance and the manner in which they performed their drills and first aid to the injured practices.

A general inspection was made of a representation from all branches, numbering 325, all ranks, on the Varsity Back Campus, and later a march-past was made on the South Drive of the Parliament Buildings, on Sunday, November 23rd, 1941.

Members of the Ontario Volunteer Constabulary have given hearty co-operation to Municipal and the Ontario Provincial Police Forces, assisting in the policing of the Highways at Christmas and New Year's, handling large gatherings of people, and during the trial blackouts. Their services at all times have been most satisfactory.

Four members of the Hamilton Branch volunteered and gave excellent service as Special Constables in connection with the Gold Mines Strike at Kirkland Lake.

The London Branch of the O.V.C. are endeavouring to double the membership in District No. 2.

From observation and from reports made by Staff and District Inspectors it is evident that the Ontario Volunteer Constabulary is becoming a well-trained, loyal, disciplined public-spirited body of men, who are devoted to the cause of service. They have shown their willingness at all times to assist in any emergency when called upon and are most interested in Air Raid Precaution duties.

VOLUNTEER CIVIL GUARD

The Volunteer Civil Guard continues to carry on its activities, particularly in those areas which have not been organized under the Federal A.R.P. scheme of civilian defence.

In municipalities organized under the A.R.P., the Volunteer Civil Guard have in most cases formed the nucleus of the Wardens' Service. In the matter of training, the Ontario Provincial Police continue to give instruction in police duties and in the care and use of defensive weapons.

During the past year Volunteer Civil Guard units throughout the Province have made a strong contribution in man-power to the Active Service Militia and the Veteran Guard units. While this is somewhat discouraging to the individual officers commanding, it is a welcome and essential contribution to our Armed Forces.

It must be a source of satisfaction to law-enforcement authorities throughout the Province to know that we have a trained, disciplined, and, in some cases, mobile units of Volunteer Civil Guards ready to augment the regular police forces to maintain law and order in an emergency.

While the number of inspections made by Headquarters Staff were not so great as in the previous year, those units visited revealed keen interest, enthusiasm and a high degree of efficiency among personnel.

To promote efficiency and maintain interest in the volunteer Civil Guard organization, the Ontario Government contributed generously during the year toward the purchase of ammunition for training purposes.

I am also pleased to report that during the inspections made, it was clearly demonstrated that the commanders of the individual units were continuing to give freely of their time and military experience in promoting the efficiency of their Civil Guards.

CIVILIAN DEFENCE COMMITTEE (A.R.P.)

The Civilian Defence Committee (A.R.P.) during the year increased its activities throughout those areas in the Province designated by the Federal authorities as "exposed to definite risk of enemy attack".

The areas, however, have been extended and now include the following: Toronto, Hamilton, Windsor, Niagara Falls, Sarnia, St. Catharines, Oshawa, London, Kitchener, Brantford, Kingston, Peterborough, Owen Sound, Sault Ste. Marie, Sudbury and Timmins. These areas include a total of ninety-four municipalities.

All branches of the organization continue to develop both in personnel and efficiency. This was vividly displayed during the test blackouts on June 18th and September 10th.

While it is difficult to give the exact number of personnel enrolled in the five services in each municipality organized, I might cite as an example, the Warden's service alone in one of our largest cities in the Province has a strength of over 15,000 enrolled members taking instruction.

The matter of equipment has given the Provincial Committee some concern. I am pleased to be able to report, however, that Air Raid Warning sirens are now being installed in the Toronto and Hamilton areas and it is expected that this Warning System will be extended to other designated areas.

During the year, the Provincial Committee had the pleasure and the benefit from lectures given by two officials sent to Canada by the British Government to lecture on Civilian Defence. One of these, Daniel D. Ivall, being a District Officer of the London, England, Fire Department, the other Dr. James McIntosh, a professor of Public Health in the Glasgow University and formerly Chief Medical Officer for Scotland. Both these gentlemen gave valuable information derived from their experiences during air raids in England, and for the necessary preparations to meet such emergencies.

The Provincial Committee continued to render every possible assistance in the organization of local units, and to further assist in this direction, the Honourable the Attorney-General increased the personnel of the Headquarters Staff by adding thereto three Inspectors, taken from the Criminal Investigation Branch of the Force.

The services and advice of the Ontario Provincial Police have been available and freely used by various local Civilian Defence Committee organizations throughout the Province, particularly in connection with organization and the Warden's Service. District Inspectors extended every assistance to the local Committee in their districts.

During the year a number of moving picture films, both sound and silent, were shown throughout the Province, entitled: The Warning, London Can Take It, London Fire Raids, Stop That Fire, War Time Factory, The Working of a Warden's Post, and Incendiary Bomb.

These films have a high instructional value and prove both helpful and popular.

REGISTRATION OF FIREARMS AND PERMITS FOR OFFENSIVE WEAPONS

Under the provisions of the Criminal Code of Canada it is an offence to sell, buy, give or lend any evolver, pistol or other concealable weapon without first obtaining a permit so to do. It is also an offence for anyone to carry any such weapon either on the person or in a vehicle under their control or in which they are a passenger, without a permit.

Since July 15th, 1933, the issuing of such permits in the Province of Ontario has been taken care of by this Headquarters where a separate branch is maintained, under a Staff Inspector.

All permits issued in this connection are valid only for the calendar year for which issued, which means much extra work at the beginning of each year.

During the calendar year 1941, 884 new individual permits to carry revolvers or pistols were issued as well as many hundreds renewed. Many of these permits are issued to bank, express and trust companies for protection of funds and to members of regularly organized and approved shooting clubs to carry their weapons to and from the ranges of their respective clubs.

1,370 individual permits for the transfer of revolvers and pistols were issued during the year, many of these being to members of the Armed Forces. Twelve new Vendor's Permits were issued during the current year as well as many of the old ones being renewed.

Permits are not issued automatically upon application, but only after investigation and upon satisfactory reasons being established.

The supervision of the issuing of permits for rifles or shotguns (under the Defence of Canada Regulations) and the registration of such weapons still involves a lot of work at this Headquarters. As stated in last year's report the forms for such permits are printed by the Ontario Government and distributed from this office and during the current year 55,000 individual permits for the sale, loan, etc., of rifles and shotguns have been distributed to issuers from this office and at least 80% of them have been issued. Vendor's Permits have also been distributed during the year.

During the calendar year 5,328 letters were written in this connection and we have over 8,000 files dealing with this subject alone.

As a result of this close registration we have been able to recover many stolen weapons. To cite one specific instance, our system and method of investigation resulted in the recovery of a pistol stolen from a large industrial concern some 25 years ago.

CHANGE OF HIGHWAY PATROL EQUIPMENT

Following the abolition of the Motorcycle Patrol Branch of the Force as a separate unit and the transfer of personnel to the command of the District Inspectors a careful study was made of the system whereby members of the Motorcycle Patrol were required (upon appointment) to purchase their own motorcycles to be used in patrolling the Highways for which use they were paid a yearly depreciation allowance.

This practice "which had its origin when the first traffic officer was appointed in 1919" imposed a decided financial handicap upon the constables when appointed, quite often saddling him with a debt of approximately $1,000.00, the initil cost of a fully equipped motorcycle and sidecar.

It was further realized that owing to dangerous roads and severe climatic conditions the members of the Motorcycle Patrol could not carry out a regular tour of duty on their motorcycles during the winter months. Frequently when responding to the report of an accident they would have to abandon the motor cycle and use their private automobile, or be dependent on some other source to get to the scene of the accident.

Our records show that many serious accidents happened to the personnl of the Motorcycle Patrol whilst using their machines, thereby causing loss of service, disruption of duties, extensive medical expenses and permanent disability.

Since the traffic officers were transferred to the Provincial Police Force in March, 1930, there have been eight Provincial Constables killed whilst riding their motorcycles in the execution of their duties. Others have been so seriously injured that they were unable to continue their duties on the patrol and had to be designated for other service.

During the month of February, 1941, the Commissioner visited the States of New York, Pennsylvania and Michigan and made a close examination of the system of Highway Patrols in those States.

It was found that in all three States the use of motorcycles for Highways is being discontinued. Every year there is a reduction of motorcycles and a substitution of automobiles. The service was reported to have greatly benefitted by the substitution and hospitalization of operators reduced to a minimum. The use of automobiles for patrol work also produced greater efficiency due to their consistent use regardless of existing weather conditions.

With the above survey showing undoubted advantage of the patrol car over the motorcycle for all year patrol purposes, and the information compiled from our own record showing similar results, a recommendation was submitted to the Honourable the Attorney-General that the use of the motorcycle for Highway Patrol be discontinued and that automobiles of an approved type, design, and equipment be supplied in their place.

This change of policy was approved, to be accomplished gradually over a period of three years.

It was further decided that the Department would purchase all automobiles and equipment outright, and retain title and ownership in same.

It was approved that the eight motorcycles owned by the Department and used for highway patrol work north of the Severn River be disposed of and replaced by automobiles of the same type and specifications as those approved for Southern Ontario. It was also recommended and approved that three additional patrol automobiles be purchased for use—one at Parry Sound for traffic control at Nobel, and two for additional patrols on the Trans-Canada Higway.

The fleet of patrol automobiles now in operation consists of:

5 Coupes for patrol—Sergeants supervising,
8 Coupes —Northern Motor Patrol
3 Coaches —Northern Motor Patrol
37 Coupes —Southern Motor Patrol
3 Coaches —Southern Motor Patrol

Total 56

Patrol cars are equipped with first aid equipment, fire extinguishing appliances, flares, sirens, flashers, and a unique type of "Police Stop" light, operated from the dashboard and so arranged that it signals the driver of the car the Police intend to stop when the right fender of the Police car is just a little beyond or abreast of the steering wheel of the signalled car. This means that the Police have the offending car slightly ahead and under constant surveillance.

The old system of cutting-in ahead, and being at the mercy of a possible gunman or other vicious criminal, has thus been eliminated.

There can be no doubt that the new patrol cars have a much greater preventive value than the motorcycle and by reducing the number of men off duty through sickness and injury they have greatly added to the efficient discharge of duties in connection with traffic supervision. (There has been only one minor injury to an operator since the cars were put into commission.)

A record of each accident in which any member of the Force is involved, whether operating a Highway patrol car on duty or his private automobile, is filed with the Officer's personal record. All such accidents are carefully investigated by the Senior Officers of his District and reports carefully considered.

Where the damage is to a Government-owned automobile, the occurrence is also investigated by the Inspector of Transport in addition to the immediate superior of the officer concerned and the reports submitted to a Board of Enquiry for final adjudication. If it is found that the damage occurred through the fault or negligence of the officer concerned the cost of repairing the damage to the automobile in whole, or in part, is collected from the officer concerned.

HIGHWAY TRAFFIC ACT

Returns as tabulated regarding the operation of motor vehicles on the Highways for the year 1941 show very little variation from similar returns for the year 1940.

Accidents investigated and reported show some increase over the preceding year both as to the total number of accidents and the percentage of fatalities in connection therewith.

Motor Vehicle Accidents Investigated for the Period
January 1st to December 31st, 1941

Month	No. of Accidents	Fatal	Number Killed	Non-Fatal	Number Injured	Property Damage
January	772	46	52	348	606	738
February	637	40	41	283	497	614
March	683	26	30	306	553	668
April	727	47	54	318	509	694
May	735	45	45	404	678	694
June	539	29	30	250	445	520
July	676	24	26	314	551	643
August	764	50	54	352	621	730
September	1,123	38	39	400	669	1,086
October	355	17	19	160	320	328
November	122	9	9	53	90	108
December	322	6	7	125	311	309
Total	7,455	377	406	3,313	5,850	7,132
Totals for Year 1940	7,159	341	391	3,649	5,660	6,891

It will be observed that the number of prosecutions recorded for offences under the Highway Traffic Act was slightly under the total for 1940.

Returns recorded under Section 285 and Sub-Sections of the Criminal Code dealing with the more serious offences arising from the operation of motor vehicles show a noticeable increase both as to prosecutions entered and convictions recorded.

PROSECUTIONS FOR TRAFFIC OFFENCES UNDER H.T.A. AND CRIMINAL CODE FOR THE PERIOD JANUARY 1ST TO DECEMBER 31ST, 1941

Offences	Prosecutions	Convictions	Dismissals	Withdrawals
HIGHWAY TRAFFIC ACT—				
Careless Driving	3,300	2,886	313	101
Speeding	1,576	1,532	11	33
Failing to Have Operator's License	1,505	1,425	41	39
Failing to Produce Driver's License	519	501	9	9
Lights	796	768	20	8
Overloading	1,844	1,787	25	32
Breach of Rules of Road	485	460	17	8
Other Infractions, H.T.A.	2,789	2,630	114	45
P.C.V. Act	239	190	42	7
Total	13,053	12,179	592	282
CRIMINAL CODE—				
Reckless Driving 285 (6)	1,061	842	173	46
Driving Whilst Intoxicated 285 (4)	553	480	67	6
Leaving Scene of Accident 285 (2)	116	85	21	10
Miscellaneous Offences 285 C.C.	54	46	8	10
Total	1,784	1,453	269	72
Grand Total for 1941	14,837	13,632	861	354
PROSECUTIONS IN 1940—				
Highway Traffic Act	13,153	12,162	692	299
Criminal Code, Sec. 285	1,342	1,013	236	83
Grand Total for 1940	14,495	13,175	928	382

The average strength of the Motorcycle Patrol during the year was 115.

Mileage Patrolled	4,450 miles
Average Detail Patrolled	40 miles
Highways—Northern Ontario	2,820 miles

Except in the Districts of Muskoka, Parry Sound, Nipissing, and some sections of the Trans-Canada Highway, regular patrols are not scheduled in Northern Ontario. Provincial Constables are assigned to Patrol Cars as circumstances demand, and during the tourist season supervision is continuous, but at other times traffic duties are performed as occasion requires.

The following Table of Motor Vehicles Registered and Drivers Licensed for the Province of Ontario in addition to an approximate million visitors is evidence of the necessity of continuous and adequate supervision.

MOTOR VEHICLES REGISTERED

	1940	1941	% Increase
Passenger Cars	610,576	636,624	4.3
Commercial Vehicles	84,980	93,754	10.3
Buses	1,058	1,268	19.8
Two-Purpose Vehicles	1,855	1,654	10.8 (Decrease)
Motorcycles	5,403	5,894	9.1
Trailers	44,650	48,739	9.2
Total	748,522	787,933	

DRIVERS LICENSED

	1940	1941	% Increase
Operators	660,551	689,814	4.4
Chauffeurs	276,348	296,191	7.2
Motorcycle Operators	652	768	17.8
Instruction Permits	116,349	122,002	4.8
Total	1,053,900	1,108,775	

In the year under review all records were broken for the number of motor vehicles using the highways of the Province, the volume of passenger automobiles, trucks and trailers and buses being the highest in the history of the Province. When these facts are taken into consideration, the comparative increase in accidents compares favourably with the average of former years.

Excessive speed and not "faulty mechanism of old cars" is again the chief factor in causing accidents. It is surprising to note how many reports show that the accidents occur on good roads, in clear weather, with automobiles in good condition, drivers normal, travelling at moderate speed and on their own side of the Highways.

When the first call came for gasoline conservation and the Honourable the Attorney-General issued his appeal to the motoring public to reduce speed to forty miles per hour, there was a genuine attempt by the majority of motorists to comply with the appeal, but in a very short time the speed had slipped back to fifty m.p.h. until at present prosecutions are again being entered in which speed up to seventy-five and eighty miles per hour is recorded.

All District Inspectors report favourably upon the effect the white patrol cars have had on the would-be traffic violator. The following quotation from a report submitted by the District Inspector at Port Arthur is a general example of what all others say:—

> "The enforcement of the provisions of the Highway Traffic Act has been materially assisted by the use of the White Patrol Cars.
>
> "The mere fact of these cars being seen or expected to be seen almost continuously on the Highways has had a great effect in reducing infractions of the Highway Traffic Act and kindred Statutes, and during the coming year I would respectfully recommend that another White Patrol Car be supplied to —— Detachment."

HIGHGRADING

The Highgrade Squad consists of two Provincial Constables who were both engaged exclusively in this work during the whole year excepting the period when they were on strike duty at Kirkland Lake.

Their investigations covered the whole of the Province of Ontario and in addition they were able to materially assist officers outside the Province in the suppression of illegal trafficing in gold.

Cases Prosecuted

	Prosecutions	Convictions	Dismissals	Withdrawals	Awaiting Trial
Under Section 424 (1) C.C.—"Illegal Possession of Gold Ore"	21	12	3	3	3
Under Sections 573 C.C.—"Conspiracy to Highgrade"	3	3	..	..	..
Under Section 170 (b) Mining Act—"Operating Gold Refinery Without License"	2	2	..	..	..
Miscellaneous Cases Under Criminal Code as Result of Highgrade Searches	8	6	1	1	..
	34	23	4	4	3

The approximate value of the highgrade gold recovered, resulting from prosecutions (excluding cases of the Foreign Exchange Control Board now pending at Toronto and Montreal), amounted to $7,251.00.

Recovery of stolen jewellery for other Police Departments was valued at $200.00.

Miscellaneous

Highgrade Search Warrants Executed	60
Investigations Made Pertaining to Gold Thefts	240

During the year assistance was rendered to the Ontario Securities Commission, the Ontario Mining Association, the Foreign Exchange Control Board, the Royal Canadian Mounted Police, the local Municipal Police Forces and the Mines' Police and Managements.

Outstanding Investigations

Alleged Theft of Gold Precipitates from Chesterville Gold Mine, Kearns, Ontario:

On June 4th, 1941, an investigation was made regarding the alleged theft of gold precipitates valued at $5,000.00 from the Chesterville Gold Mine. During the course of investigation it was requested that the melting furnace in the Refinery be dismantled. Upon doing so the gold was discovered.

Alleged Theft of Gold Precipitates from Hardrock Gold Mine at Geraldton Ontario:

On October 21st, 1941, a special investigation was made at the Hardrock Gold Mine Limited, Geraldton, Ontario, regarding the alleged theft of gold precipitates valued at $11,000.00. Upon investigation no alleged theft was detected. Further enquiries revealed that the said gold may still be in the Mill-Circuit.

Re Ernest and Albert Labrecque of Timmins, Ontario:

On August 10th, 1941, the above-named persons were arrested at Toronto for illegal possession of gold. Following their apprehension the Royal Canadian Mounted Police and the officials of the Foreign Exchange Control Board, with our assistance, arrested an International Ring dealing in the illicit traffic of stolen gold. Case not concluded.

Re Eddie Labonte of Montreal, Quebec:

For the past year the Highgrade Squad compiled the activities of the above named person in Northern Ontario Mining Camps. He was a known highgrade buyer but always eluded the Police in this section. All available information was given to Mr. William McKee and Mr. William Fell of the Foreign Exchange Control Board which led to his arrest at Sutton, Quebec, recently by officers of the Royal Canadian Mounted Police. Gold found in his possession was 101 ounces of an approximate value of $3,300.00. Case not concluded.

Comments made by Mr. Edwin Copps, Editor of the Timmins Daily Press in a recent Radio News Commentary:

> "One of the most prevalent forms of crime in this North Country for many years is highgrading, the theft of gold bearing ore from the Mines, refining it in illegal refineries and then through strange channels, directing the product into legal coffers where it can be used as legitimate exchange.
>
> "Several years ago, when thieves broke into the Dome Refinery and stole $41,000.00 worth of gold precipitates, the Ontario Government decided that events had gone far enough. They appointed Provincial Police Officers to serve as a Gold Squad, to wipe out this type of crime.
>
> "Since the appointment of the Gold Squad, a large number of highgrading convictions have been made in local courts. Men who were stealing gold from the Mines were caught. Outsiders who were buying it from them, refining it and selling it again to the higher-ups were also tracked down and to-day a good many of them are behind bars.
>
> "Today, over in the United States, G-Men struck at the last bastion of the highgrade traffic. Federal authorities in New York City arrested five men and charged them with conspiracy to smuggle $1,000,000.00 worth of gold bullion from Canada to the United States.
>
> "The gold involved in this million dollar smuggling ring is believed to be that which has been disappearing from the local Mines almost since the yellow metal was first found in the Porcupine and other parts of the North.
>
> "The arrests meant that another solid blow had been delivered by the forces of law and order at the solar plexus of criminal industry."

Mention should be made of the splendid co-operation and assistance rendered to this special assignment by the Mines' Officials and Assayers, also the many Municipal and Mine Police Departments, all of whom have, when occasion required, rendered valuable assistance in curbing this prevalent form of crime.

RETURN OF MOST IMPORTANT OCCURRENCES REPORTED AND INVESTIGATED

The number of important occurrences reported and investigated during the year show a general increase over the corresponding period of 1940.

	1940	1941		1940	1941
Murders	20	9	Housebreaking	255	545
Attempted Murders	3	8	Shopbreaking	335	425
Manslaughter	15	37	Robbery	99	106
Wounding	37	22	Thefts	1,663	2,312
Suicides	98	108	Automobile Thefts	157	305
Insane Persons	148	203	Bicycle Thefts	40	80
Criminal Negligence	19	22	Receiving	202	105
Rape	15	22	Drownings	164	194
Attempted Rape	9	7	Automobile Fatalities	355	376
Carnal Knowledge	40	52	Death from Other Causes	223	350
Forgery	83	73	Intoxicated in Charge of Auto.	424	519
Fraud	186	176	Reckless Driving C.C., Sec. 285	706	936
Burglary	57	97			

CRIMINAL INVESTIGATIONS

A summary of the most outstanding cases investigated are hereunder submitted.

MURDER CASES

Murder of Fred House (previously reported):

John Leonard Buck, an Indian of the Six Nations Reserve, who was arrested on September 30th, 1940, for the murder of Fred House, a fellow Indian, appeared for trial before Mr. Justice Hogg on March 12th, 1941.

The jury found the accused not guilty of murder but guilty of manslaughter and sentenced him to five years in Kingston Penitentiary.

Murder of Provincial Constable Donald C. Shervill (previously reported):

Provincial Constable Donald C. Shervill of this Force, attached to the Hamilton District, while making a patrol in the vicinity of Orchard Beach, County of Wentworth, on the night of February 8th, 1938, was shot by an unknown assailant near some summer cottages. This case was reported last year, but since that time. George Henry King, on the 18th January, 1941, in the High Court was convicted of murder and sentenced to be executed on March 10th. King, through his solicitor, appealed, which appeal was dismissed, but the death sentence was commuted to life imprisonment.

Murder of Charles G. Walton, Ottawa, Ontario:

On May 5th, an automobile was found in a ditch near Rockland, Ontario, in a damaged condition. The license number revealed the car was registered in the name of Charles G. Walton of Ottawa. (Walton had been reported as missing from home.)

On May 19th following, Walton's body was found in the river at Ottawa, and the post mortem disclosed that the lungs were full of water, showing the cause of death as drowning. Investigation by the Ontario Provincial Police continued and on the 16th of June Edmund Paquette and Germain Doucet, two members of the Royal Canadian Air Force, stationed near Ottawa, were apprehended and charged with the murder of Walton. Statements were obtained from the accused, admitting they had been in the company of deceased on the night previous to the finding of the automobile and that they had robbed him of a sum of money. It was also stated that they had thrown Walton into the river from the Quebec side of the Inter-Provincial Bridge.

As this murder took place in the Province of Quebec the two accused men were transferred to the Quebec Courts for trial.

Murder of Louise, Jacoba, Maria and Oliver Van Tent:

On May 31st, 1941, four children (the entire family) of Hendrick Van Tent, namely Louise, aged 17 years, Jacoba, 14, Maria, 12 and Oliver, 10, were burned to death in the destruction of their home by fire in the Township of Bucke, West of Haileybury.

An investigation by members of this Force and the Fire Marshal's Department resulted in the arrest of Jeremiah Dorvilliers, who for some years had carried on a feud with Hendrick Van Tent.

Dorvilliers was charged with the murder of the four children. At the trial before Mr. Justice Makins on October 9, 1941, this charge was reduced to manslaughter and Dorvilliers was convicted and sentenced to life imprisonment in Kingston Penitentiary.

Murder of Eber Percy Eaton, Hamilton, Ontario:

On Sunday afternoon, September 21st, 1941, the dead body of a man, later identified as Eber Percy Eaton, was found by two motorists, lying between No. 2 Highway and the ditch, a few miles west of Newtonville, County of Durham, death apparently having resulted from two bullet wounds.

Eaton, a native of Cache Bay, Ontario, had recently been employed in a Hamilton factory, and had not been at his place of employment since the 18th of September. The deceased was last seen in his room on Saturday morning, the 20th. He had been drinking heavily for some days.

Investigation by one of our C.I.B. Inspectors, assisted by detachments of the Ontario Provincial Police at Cobourg and Hamilton, continued for weeks.

Circulars offering a reward have been widely distributed, every possible lead followed, and while there is certain suspicion there is nothing definite as yet as to the identity of Eaton's -assailants.

Murder of John Kolesar, Township of Atwood:

On November 5th, 1941, the body of John Kolesar, formerly from Minnesota, but who had lived many years in the Rainy River District, was found in the woodbox at his own, home, Township of Atwood, near the town of Rainy River, death resulting from blows from an axe which fractured his skull.

About the same time his son, Edward Roy, aged 21 years, who had enlisted in the Canadian Army Tank Corps, but had deserted on October 18th, had been seen in the vicinity of his father's home. Evidence obtained by our officers led to a charge of murder being laid against the son and a circular was issued.

On December 14th, as a result of information obtained, two Provincial Police Officers proceeded to a lumber camp over one hundred miles from Rainy River; young Kolesar was located, arrested and returned to Fort Frances, where he is now awaiting trial.

Murder of Wilfred Daley, Alliston, Ontario:

On Sunday, November 23rd, 1941, the body of one Wilfred Daley, sixteen years of age, of Alliston, Ontario, was found on the floor in a house occupied by one, John Theodore Brooks. Dr. Wilson of Alliston was called. Brooks stated to the Doctor that Daley had fallen on an axe. Brooks also volunteered the statement to Dr. Wilson that there were no guns in the house. However, the post mortem revealed that the deceased had been shot through the head.

Investigation by local and Ontario Provincial Police resulted in the finding of a .38 calibre revolver, and further that the body of deceased had been moved after death. As the bullet proved to be of .38 calibre, a test of the weapon found revealed that the fatal bullet had been fired from the gun found.

Brooks confronted with this evidence, stated that he had been holding the gun in his hands when it discharged and killed the boy; that he had moved the body and later hidden the gun. Brooks was then charged with murder and is awaiting trial.

Murder of Norman Merrian, R.C.A.S.C., Caledonia, Ontario:

On January 4th, 1941, the Criminal Investigation Branch was informed that a stabbing had taken place in Caledonia, Ontario. Particulars were very lacking, and although no request had been made for an officer to investigate, it was decided to detail an officer to the case. The C.I.B. Officer reported that Norman Merrian, a private in the Royal Canadian Army Service Corps, aged

32 years, had died on January 1st from the result of a stabbing which had been inflicted two days previously.

An investigation followed and one, Jacob A. Moyer, aged 23 years, was charged with murder. Domestic trouble appeared to be the cause. The deceased was alleged to be having illicit relations with the sister of accused. The knife used in the murder was found in the home of accused by the Police.

At the trial accused was found guilty of manslaughter and sentenced to six years.

Murder of Kerwood White, Turnkey, Goderich, Ontario:

On December 5th, 1941, James Flenniken of Toronto was arrested on charges of Car Theft and Theft of Gasoline. He was remanded to Huron County Gaol awaiting disposition of these cases.

On December 14th, he assaulted the Turnkey, Kerwood White, and attempted to escape the gaol. The Turnkey sustained a fractured skull in the tussle from which he never rallied, and died on December 25th, 1941.

A charge of murder was laid against James Flenniken at the Preliminary Hearing on January 22nd, 1942, and he was committed for trail. Flenniken is only 15 years of age but he was charged as an adult.

Attempted Murder of Henry Wong, Cooksville, Ontario:

Henry Wong, aged 33 years, a Chinese resident of Cooksville, was assaulted and beaten with a hammer by Harry Wong, aged 52 years, a cousin who also resides in Cooksville. This assault arose over the alleged intimacy between Henry and Harry Wong's wife. These two men lived on the same premises where Harry Wong conducts a restaurant and Henry was an employee in the business.

Henry Wong received serious injuries to the head and his recovery was considered unlikely for some time, and is under bond to appear as a witness at the trial of Harry Wong against whom a charge of attempted murder has been laid.

Attempted Murder of Fred. C. Richardson, Port Hope, Ontario:

On January 25th, 1941, about 2.45 p.m., William James Turner, aged 65 years, of Wesleyville, entered the branch office of Fred. C. Richardson, Port Hope, Ontario, and shot Mr. Richardson through the right jaw with a .22 calibre rifle.

According to Turner, Mr. Richardson when representing him in an action against the Hydro Commission some two years previously caused Turner and his wife to be left homeless and without funds.

On February 6th, Turner appeared before His Worship W. A. F. Campbell and was committed for trial. He stated at this time that he was temporarily insane. On March 17th, 1941, Turner appeared before His Honour Justice J. G. Kelly in Cobourg, Ontario, and was sentenced to seven years in Kingston Penitentiary.

HIT-AND-RUN FATALITIES

William and Robert Greenly (killed), Township of Percy, Ontario:

On the night of October 26th or early morning of October 27th, 1940, whilst William Greenly and his son, Robert, of the Township of Percy, County of Northumberland, were walking on a county road near Warkworth, they were struck by an automobile driven by a "hit-and-run" motorist and both so severely injured that they died from the effects of such injuries.

After intensive investigation one, John Kemp of Graham Township, was arrested and charged with manslaughter and failing to stop after an accident.

At his trial on March 17th, 1941, before Mr. Justice Kelly, Cobourg, the manslaughter charge was taken from the jury on the ground that there had been no evidence produced by the Crown to prove carelessness and the manner in which the vehicle was driven to constitute manslaughter, and a penalty of three months was given on the 'failing to stop' charge.

James Donaldson (killed), Lakeview, Ontario:

On December 24th, 1940, at about 9.00 p.m., whilst James Donaldson, aged 15 years, of Curson Street, Lakeview, Ontario, was riding his bicycle west on No. 2 Highway near Port Credit, he was struck from behind by an automobile driven by a "hit-and-run" motorist. Donaldson was so severely injured that he died on admittance to hospital.

Glass and chromium parts of a headlight were found at the scene of the accident. A radio broadcast was made and a circular, giving a description of the style of automobile thought responsible, was sent to all Police Forces throughout the Province.

As a result of the information contained in the circular, we were successful in apprehending one, Clayton Vaughan of Bronte, who had taken his automobile to Kitchener for repairs.

Vaughan was charged with manslaughter and at his trial on March 15th, 1941, before Mr. Justice Roach, the case was taken from the jury on the ground that the Crown had not produced evidence to show definitely that Vaughan was the driver of the automobile, although the learned judge was satisfied that Vaughan's automobile was the car involved in the boy's death.

Ernest Johns, Indian, Soldier (killed), Saugeen Reserve, Ontario:

On February 16th, 1941, at about 8.30 a.m., the dead body of Ernest Johns (Indian) was found at a point known as Chippawa Hill on Highway No. 21, between Southampton and Allenford.

From investigation made and injuries inflicted it would appear that Johns, who was a member of the Grey and Simcoe Foresters Regiment, was home on a week's leave and whilst proceeding to the Saugeen Reserve was struck by a motor vehicle driven by a "hit-and-run" driver.

The investigation so far has failed to disclose the automobile or driver responsible for this fatality.

Ralph Drouillard (killed), Sandwich East, Ontario:

On October 24th, 1941, Ralph Drouillard, aged 16 years, of Lauzon Road, Sandwich East Township, was instantly killed and his companion, Etienne Souillierre, aged 19 years, of No. 2 Highway, Sandwich East, injured while riding their bicycles on No. 2 Highway about ten miles east of Windsor. A reward of $200.00 has been offered by the Government of the Province of Ontario, and $100.00 by the Windsor Daily Star for the apprehension of the driver of the car involved in this "hit-and-run" accident.

Extensive investigations have been carried out by members of this Force, but up to the present the driver of the car involved in this serious occurrence has not been identified.

John Fatta (killed):

On December 23rd, 1941, the Mimico Police advised that a person believed to be intoxicated was lying on the boulevard on the Queen Elizabeth Way near Grand Avenue. A Provincial Constable proceeded to the scene and discovered a body, later identified as John Fatta, lying face down in the mud on the boulevard. The man was dead with severe body injuries including a broken leg.

Edward S. Peterson attached to the Royal Canadian Air Force at Fingal, Ontario, stated that he had alighted from a car in which he had received a ride from Burlington and in crossing the boulevard had almost fallen over the dead body. He immediately reported the same to the Mimico Police.

An investigation was started immediately but it was not until December 24th that a telephone message from the District Inspector at Barrie informed us that a soldier named Kenneth Moore had reported at our Detachment office, Port Carling, and stated that he with other soldiers had hired the taxi of one, Richard England of Chippawa, to drive them to their homes in Muskoka District and that while proceeding east on the Queen Elizabeth Way they had struck something on the road.

District Headquarters at Niagara Falls were notified and they immediately proceeded to Chippawa and picked up Richard England for questioning. As a result of this questioning and the statement taken from Kenneth Moore a warrant was obtained charging England under Section 285 (6) of the Criminal Code and Section 45 (1) of the Highway Traffic Act, and on Christmas Day he was returned to Toronto.

This case is still proceeding through the Courts.

Sapper A. B. Smith (killed), Petawawa Camp, Ontario.

On the night of December 6th, 1941, Sapper Archibald B. Smith, aged 44 years, of the R.C.E.T.A., Petawawa Military Camp, was found on the roadway near the town limits of Pembroke. On arrival at the hospital, he was pronounced dead.

An investigation followed and the post mortem disclosed deceased had died from a blow on the head. An inquest was held and adjourned, but up to this time no evidence has been obtained, although every effort has been made by the Police.

Albert Young (killed), Sunnidale Township, Ontario:

On November 10th, 1941, the dead body of one Albert Young, aged 41 years, married, labourer, of Sunnidale Township, County of Simcoe, was found in the ditch on No. 7 Highway.

Investigation revealed that this man had left his home at about 8.00 p.m., November 9th, to walk to his place of employment. Post mortem examination disclosed that death was due to a fracture of the skull. There were several extensive lacerations of the scalp. Pathological examination performed disclosed that the injuries might have been caused by the victim having been struck by a motor vehicle.

The matter is still under investigation.

HUNTING FATALITIES

The following cases are of exceptional interest in that prosecutions were ordered by the Attorney-General's Department in what are generally and casually considered to be accidental deaths:

Frederick Whalley, Lunt Township:

On November 5th, 1941, it was reported to the Provincial Constable at Burks Falls that Frederick Whalley had been shot and killed whilst hunting in Lunt Township, 20 miles west of South River.

His companions, Colen Phinney and John Jackson, admitted shooting at something that was moving in the bush and upon going to see what it was, found Whalley dead.

Phinney and Jackson were charged with Manslaughter and on November 13th, at Burks Falls, were committed for trial. Case not completed.

James Whaley, Oxford Township:

On November 9th, 1941, it was reported to our Prescott Detachment that James Whaley, farmer of Oxford Township, County of Grenville, had died from gun shot wounds received whilst hunting in the bush in Oxford Township.

His companion, Adelard Bourbonnais, hired man employed by Whaley, admitted that he saw what he thought was a deer and fired at it. Upon going to see what he had hit he found Whaley who had been shot through the heart.

A charge of Criminal Negligence was preferred against Bourbonnais who was tried before County Judge Tudhope, Brockville, December 12th, and sentenced to four months in the Ontario Reformatory.

ROBBERIES, THEFT, ETC.

Bank of Toronto, Cardinal, Ontario:

In November, 1939, the staff of the Bank of Toronto at Cardinal, Ontario, were held up by two men who entered with drawn pistols and after intimidating the staff robbed the bank of $2,223.00. As a result of investigation by our local detachment, Harry Muller was arrested in Toronto, placed in an identification parade and identified as one of the culprits. He was returned to Cardinal, pleaded guilty and was sentenced to six years in Kingston Penitentiary.

About the time of Muller's trial, it was established that the second man was Henry Bauer, for whom a warrant was issued. On January 1st, 1941, Bauer was located and arrested at Port Arthur, returned to Cardinal, convicted and sentenced to seven years.

Bank of Nova Scotia, St. Jacobs, and Canadian Bank of Commerce, St. Clements, Ontario:

On February 27th, 1941, the staff of the Bank of Nova Scotia at St. Jacobs Branch, County of Waterloo, was held up and robbed by two men and at the time of the robbery they had their faces covered with masks. After the robbers emerged from the bank it was found that $2,534.00 had been stolen. Investigation followed by the Provincial Police of the Kitchener District, assisted by the Municipal Police and an Inspector of the Criminal Investigation Branch, for a period of five weeks, and on April 4th, 1941, the staff of the Canadian Bank of Commerce, St. Clements Branch, Waterloo County, was held up and robbed by two men who flourished revolvers and stole $2,000.00.

Immediately following this robbery a chase took place which resulted in the arrest of Joseph Feeney, aged 38 years, and John Charles Parkes, aged 40 years, by the Ontario Provincial Police assisted by the Municipal Police of that area. As the description of the bandits given at the Bank of Nova Scotia tallied with that of the Canadian Bank of Commerce, and also with the two men under arrest, these two men were placed in an identification parade, identified, and returned for trial, with the following results: John Charles Parkes convicted and sentenced in connection with the robbery of the Bank of Nova Scotia, sixteen years in Kingston Penitentiary; for robbery of the Canadian Bank of Commerce, twelve years, and Joseph Feeney, for robbery of the latter bank, sentenced to ten years in Kingston Penitentiary.

Canadian Bank of Commerce, Port Dalhousie, Ontario:

At about 12.03 noon, November 19th, 1941, a call was received at our St. Catharines Detachment office to the effect that three armed men had held up the Canadian Bank of Commerce at Port Dalhousie, and had escaped with a considerable amount of cash, in a 1938 Packard Sedan. Upon receipt of this information, an immediate chase was made by our Officers at St. Catharines, and also a number of other Officers of District No. 4, Niagara Falls, were sent out on the hunt. Later on the same day, two men, namely William Osborn and Owen Lloyd MacNeil, were apprehended at Burlington Beach, after having been involved in an accident. These two men had been previously apprehended and handcuffed, but managed to escape from the Officer. The third man, Phillip Powless, was later arrested in St. Catharines.

On November 20, 1941, all three appeared before His Worship, Magistrate J. H. Campbell, in the County Court at St. Catharines, charged with Robbery Whilst Armed, Sec. 446 (c) C.C. They were unrepresented by Counsel. Powless and MacNeil pleaded guilty and were remanded for sentence. Osborn wanted to obtain Counsel, and so was remanded without plea until the same date, November 27th, 1941.

On November 27th, 1941, William Osborn, Owen Lloyd MacNeil, and Phillip Powless appeared before His Worship Magistrate J. H. Campbell in the County Court at St. Catharines, charged with Armed Robbery, Section 446 (c) C.C. They were unrepresented by Counsel. Powless elected trial by the Magistrate and pleaded guilty. Osborn and MacNeil pleaded guilty. MacNeil was then sentenced to eight years in Kingston Penitentiary, and Osborn and Powless to six years each.

Armed Robbery of Douglas Derry and Theft of Automobile at Derry's Lunch Counter, South Lancaster, Ontario.

At about 3.00 a.m., August 17th, 1941, Douglas Derry, who operates a Lunch Room and gasoline service station on No. 2 Highway near Lancaster, Ontario, was held up by two armed men who robbed him of about $70.00, then forced him into his own automobile and drove west as far as Mille Roches where they threw him out and drove away with his automobile.

In less than an hour after the description of the wanted automobile had been broadcast it was spotted on an Ottawa street and from there gave the Police a chase, often attaining a speed of eighty-five miles per hour, eventually crashing into a tree on the bank of the Ottawa River and coming to rest against another tree after going down a seventy-five foot incline. The automobile was a complete wreck.

When Police Officers reached the scene they found two men, one lying on the grass and the other wandering around in a dazed condition, and they gave their names as Fred Dally, Montreal, and Jack Meldrum, Montreal. Both were admitted to hospital. In the automobile were found .45 calibre automatic pistol and .32 calibre revolver.

On their recovery they were transferred to Cornwall for trial where before Magistrate Bergeron, on September 8th, 1941, they pleaded guilty and were sentenced—Dally (who had a record) to fifteen years, and Meldrum (who had no previous record) to ten years on the Armed Robbery charge and two years each on the Theft of Automobile charge.

It was found that one of the revolvers used in this robbery was stolen from a dwelling house in Toronto in the early part of 1941.

Armed Robbery of Premises of Edgar Eson and George Lefler:

On January 13th, 1941, about 3.00 a.m., the home of Edgar Eson, Township of Brantford, was broken into. Mr. Eson was alseep in bed at the time. He was threatened with a revolver by one man while three others made a search of the home stealing $80.00 in monies and a pair of Mr. Eson's trousers.

On January 16th at 4.00 a.m. four men broke into the home of George Lefler, Township of Brantford, and both Mr. and Mrs. Lefler were in bed. On being disturbed by the noise, Mrs. Lefler grabbed a shoe and approached the men followed by Mr. Lefler. On being discovered the men fled but not before Mrs. Lefler had a view of the face of one of the men in the beam of a flashlight. On January 23rd their home was again entered and considerable chattels stolen. One Grant Parmenter was suspected and subsequent investigation revealed he was with three other young men in Brantford a short time prior to the robbery.

A taxi man took the license number of the car and on checking this it was found to have been rented to one, Mike Trela, and when the photograph of Trela was shown to the complainants they did not hesitate in identifying him. Both Trela and Parmenter were arrested and in searching their room in Toronto a pair of pyjamas were found which had been stolen from Lefler's.

On February 26th, 1941, both Trela and Parmenter were committed for trial on three counts of burglary. On March 14th, Trela appeared before His Honour Justice Hogg and was convicted on two counts, one of Armed Robbery and one of Burglary, and was sentenced to two years at Kingston Penitentiary. Grant Parmenter, his accomplice, was sentenced to one year at the Ontario Reformatory.

Armed Hold-Up of J. O'Reilly, Taxi Driver:

It was reported that on June 23rd, 1941, J. O'Reilly, taxi driver, was held up and robbed of $11.00 and taxi cab on Lyons Creek Road, Willoughby Township. Investigation was at once made and through making extensive enquiries Roy E. Cunningham, John Virag, and Olly Ignace were apprehended in Windsor, to stand trial there. On July 21st, 1941, these three young men appeared before Magistrate J. A. Hanrahan, Windsor, charged with Armed Robbery, Section 446 C.C., and with Theft of Automobile, Section 377 C.C. Cunningham and Virag each pleaded guilty to both charges, whilst Ignace pleaded not guilty to both charges.

On July 29th, 1941, Cunningham and Virag were sentenced by Magistrate J. A. Hanrahan, Windsor, to serve four years in Kingston Penitentiary for Armed Robbery and one year in Kingston Penitentiary for Theft of Car, these sentences to run concurrent with other sentences. Ignace pleaded guilty to a charge of Armed Robbery, Section 446 C.C. at Harrow, Ontario, and was sentenced to four years in Kingston Penitentiary.

Theft from Canadian National Express, Simcoe, Ontario:

On March 11th, 1941, Charles R. Earl, Canadian Nationa Express employee in charge of the office at Simcoe, Ontario, reported the theft of a large sum of money, approximately $3,400.00 from the safe of the Express Office. This large sum of money was being expressed from the Bank of Montreal in Simcoe to the Bank of Canada, Ottawa, and had been placed in the safe by complainant until train time. Following an investigation by the local Police, we were asked to assist and an Inspector was sent from the Criminal Investigation Branch.

Examination of the safe failed to disclose any evidence of entry from the outside and it was found that there were two keys to the safe in existence, both of which were in the possession of the complainant. Other evidence obtained resulted in Charles R. Earl, the complainant himself, being charged with the theft of this money. He stoutly denied the charge, but on April 30th, 1941, was found guilty and sentenced to eighteen months determinate in the Ontario Reformatory.

Shop-Breaking, Northumberland, Durham, Perth and Oxford Counties:

During the months of July and August there were a number of serious shop-breaking cases reported throughout the southern part of the Province.

In most cases general merchandise was stolen and transported out of the district by motor truck. It was quite obvious that these cases were the work of an organized gang.

Following lengthy investigation and activity on the part of our local officers, assisted by an Inspector of the Criminal Investigation Branch, the following men were arrested: Peter Stasiuk, Norman Stalarski and Adam Murphy. These men were charged with breaking and entering stores in Northumberland, Durham, Perth and Oxford Counties. At the time of their arrest property was recovered which was positively identified as having been stolen from some of the stores.

Convictions at Cobourg were as follows: Stasiuk sentenced to five years, Stalarski to three years, and Murphy to four years in Kingston Penitentiary. Other charges are pending against these men in Perth and Oxford Counties.

Theft from Safe at Canadian National Railways Station, Mount Forest, Ontario:

On February 11th, 1941, the breaking, entering and theft of money from the safe of the Canadian National Railways Station, Mount Forest, was reported. No apparent clue had been left but due to the intensified action of the officers of the Kitchener District, with the assistance of the C.N.R. Special Agent at Stratford, William Kostick of the Lord Strathcona Horse Regiment, quartered at Listowel, was arrested and charged with this offence. A further charge of Being in Possession of Burglar Tools was also laid. On these two charges he was found guilty and sentenced to serve three years in Kingston Penitentiary.

Breaking, Entering and Theft at North York and Hamilton; Automobile Theft at Orilla:

On October 9th, 1941, Richard J. Oldaker was arrested at Port Carling, Ontario, on a charge of Automobile Theft at Orillia. It was found after arrest that he was wanted on charges of Breaking, Entering and Theft at North York and Hamilton. The automobile stolen at Orillia was found abandoned at Benbrook, Wentworth County. In the automobile was found considerable amount of the property stolen from North York and Wentworth County. In a pocket of a suit found in the automobile was a receipt from Canadian National Express Company in the name of Richard J. Oldaker showing that a quantity of clothing had been shipped from Gravenhurst to Toronto. This was recovered and information obtained which led to the arrest of Oldaker at Port Carling.

Oldaker, a deserter from the R.C.A.S.C., was found guilty of all charges at Hamilton before County Judge Lazier on November 3rd, 1941, and sentenced to three years in the Penitentiary at Kingston.

Forgery and Uttering—Kenneth Archibald Johnston:

On July 9th, 1941, Kenneth A. Johnston, alias Warren, Brook and Stevenson, was arrested at Madoc. Johnston was wanted at numerous places in the Province for forging and uttering cheques.

On July 28th, 1941, he appeared before Magistrate J. L. Lloyd at Belleville, was convicted on approximately fifty charges and sentenced to five years in Kingston Penitentiary, all sentences to run concurrently.

Theft of Poultry—Lanark and Carleton Counties:

During the spring and summer of 1941 an epidemic of poultry thefts swept the Counties of Lanark and Carleton nightly.

The Officers of the Ottawa Detachment and Headquarters, Perth, put on nightly patrols and were eventually successful in apprehending four men, to wit, H. Forsyth, Gordon Daskin, Milford Grainger and Clement Boal.

In all, some twenty-seven charges of Theft of Poultry were brought against the four above men and convictions registered, the ringleader, Milford Grainger, being sentenced to two years in Kingston Penitentiary. He was found to be an organizer of youthful gangs to set out and steal poultry for their living. Since his conviction such thefts have been reduced to the minimum.

The other offenders, because of their youth, were given minor sentences.

Theft of Poultry—Fred Davidson:

Fred Davidson was arrested September 26th, 1941, on a charge under the Defence of Canada Regulations. Later, fourteen charges of Theft of Poultry, Section 370 C.C., one under Section 468 C.C. (Forgery), and an offence against the Highway Traffic Act were laid against him. The investigations were carried out by Provincial Constables from District Headquarters, London, and Strathroy.

The accused stood trial before a jury and was found guilty on all counts of the thefts of Poultry on October 9th, 1941, and was sentenced to ten years in Kingston Penitentiary.

Shopbreaking—Jack Morley and Kenneth Churchman:

Jack Morley and Kenneth Churchman were arrested on charges under Section 460 C.C. (Shopbreaking), on March 24th, 1941. Provincial Constables of Sarnia Detachment investigated.

The accused persons appeared before the Magistrate on April 29th, 1941, when the charge against Morley was withdrawn, but Churchman was sentenced to four years in Kingston Penitentiary.

Shopbreaking—William Winterfield and Leslie Holmes:

William Winterfield and Leslie Holmes were arrested under Section 460 C.C. (Shopbreaking) and Section 377 C.C. (Theft of a Car), in all, six charges, on June 3rd, 1941.

A Provincial Constable from Woodstock Detachment investigated. The accused were each sentenced by the Magistrate on June 26th, 1941, on all counts, to five years in Kingston Penitentiary, sentences to run concurrently.

Theft by Misappropriation—Thomas H. Smith:

Thomas H. Smith was arrested on August 29th, 1941, on two charges under Section 357 C.C. (Theft by Misappropriation).

The offence occurred November 30th, 1938, and the investigation into this case was long, many enquiries being made by members of this and other Police Forces all over the Province before the accused was arrested.

Smith appeared before the Magistrate October 9th, 1941, when he was sentenced to four years, concurrently, in Kingston Penitentiary.

Theft by False Prospectus—William E. Pearce:

On January 16th, 1941, William E. Pearce, Brantford, was arrested and charged with the theft of $10,225.00 from Carleton & Bowlby, Port Dover, by means of false oil prospectus in Texas and Oklahoma.

On February 1st, 1941, he pleaded guilty before Magistrate Gillam at Simcoe, and was sentenced to five years in Kingston Penitentiary.

LIQUOR CONTROL ACT

There were 2,419 prosecutions by the members of this Force under the provisions of the Liquor Control Act throughout the Province for the year. These comprised 2,183 Convictions, 118 Dismissals and 118 Withdrawals.

Fines Imposed as Penalties for Offences Against Various Sections of Liquor Control Act and Regulations

Offence	Prosecutions	Convictions	Withdrawals	Dismissals	Fines
Drinking in a Public Place	329	313	10	6	$ 3,670.00
Drunk in a Public Place	541	520	8	13	5,585.00
Having in Unlawful Place	827	740	46	41	24,650.00
Having or Consuming in Hotel	118	104	5	9	4,650.00
Illegal Use of Permit	3	3	..	..	20.00
Infractions of Liquor Control Board Regulations	57	54	2	1	1,385.00
In Possession of Liquor Without Board's Seal	2	2	..	..	20.00
Miscellaneous Offences	64	53	3	8	1,450.00
Permitting Drunkenness in Private Residence	25	20	5	..	440.00
Selling or Keeping for Sale	94	51	23	20	Gaol Sentence without option of a fine.
Supplying Liquor to Minors	51	45	1	5	1,200.00
Unlawful Possession	273	245	14	14	15,870.00
Unlawful Purchase	35	33	1	1	585.00
Totals	2,419	2,183	118	118	$59,525.00
1940 Totals	2,462	2,208	124	130	$51,331.75

CONFISCATED LIQUOR

The following spirits, wine and beer were seized and confiscated by the presiding Magistrates throughout the Province and turned over to the Liquor Control Board:

	1940	1941
Spirits	390 Gallons	425 Gallons
Wine	6,050 “	2,170 “
Beer	5,775 “	6,650 “
Approximate Value	$7,212.00	$5,750.00

AUTOMOBILES CONFISCATED UNDER LIQUOR CONTROL ACT OF ONTARIO

Model of Car or Truck	Sale Price at Auction
Pontiac Sedan	$132.00
Essex Coupe	50.00
Dodge Coach	To be used in Service.
Ford Coach	50.00
Ford Sedan	35.00
Ford Coach	135.00
Nash Lafayette, Sedan	To be used in Service.
Ford Coach	50.00
Ford V-8 Coach	80.00
Ford Roadster	32.00
Graham Sedan	25.00
Total Amount	$589.00
1940 Total Amount	$4,592.50

REVENUE DERIVED FROM ENFORCEMENT LIQUOR CONTROL ACT

	1940	1941
Fines Collected	$51,331.75	$59,525.00
Approximate Value of Liquor Seized	7,212.00	5,750.00
Value of Confiscated Automobiles	4,592.50	589.00
Total	$63,136.25	$65,864.00

PERMITS AND PROHIBITORY ORDERS RECEIVED FOR CANCELLATION

During the year there were 2,697 Liquor Permits and Prohibitory Board Orders for cancellation received from members of the Force, and in each case where the report of the Officer justified the cancellation or a Prohibitory Board Order, these reports were forwarded to the Chief Commissioner of the Liquor Control Board with a covering letter recommending cancellations, and in practically every case the Permit in question was cancelled or a Board Order was issued, as the case may be.

SAMPLES OF LIQUOR FOR ANALYSIS

There were 290 samples of liquor for analysis received from members of this Force and Municipal Police Forces throughout the Province.

The work in connection with these samples is very important. When the samples are received a record of the seal numbers and other particulars are placed in a record book before the samples are delivered to the Analyst. When they are analyzed, a Certificate of Analysis, showing the strength by volume of absolute alcohol is prepared by the Analyst and is sworn to by the person in charge of Liquor for Analysis. These Certificates are then mailed to the Police Officers from whom the samples were received to be used as conclusive evidence in the Police Courts as to the strength of the liquor seized.

Reports show good results were accomplished in the enforcement of the Liquor Control Act by members of the Force under the direction of their District Inspectors during the year notwithstanding the continual criticism regarding the non-enforcement of the Liquor Laws of the Province.

STATISTICAL RETURNS

Classified Return of Prosecutions, Convictions, Dismissals and Withdrawals

	Prosecutions	Convictions	Dismissals	Withdrawals
Criminal Code	7,829	6,350	1,059	420
Highway Traffic Act	13,053	12,179	592	282
Liquor Control Act	2,419	2,183	118	118
Totals	23,301	20,712	1,769	820
1940 Totals	23,729	20,677	2,064	988

Return of Criminal Prosecutions

Offence	Convictions	Dismissals	Withdrawals	Total
Abduction	4	2	....	6
Abortion	2	....	....	2
Abusive Language	1	....	....	1
Affray	21	4	....	25
Arson	5	....	....	5
Assault—Aggravated	12	3	4	19
Assault—Bodily Harm	145	60	10	215
Assault—Common	189	83	24	296
Assault—Indecent	52	20	6	78
Assault on Police Officer	6	1	....	7
Attempted Abduction	1	....	....	1
Attempted Arson	7	1	1	9
Attempted Carnal Knowledge	14	....	3	17
Attempted Fraud	5	....	....	5
Attempted Gaol Breaking	2	2	....	4
Attempted Murder	1	1	....	2
Attempted Rape	....	1	1	2
Attempted Suicide	9	1	2	12
Attempted Theft	18	2	....	20
Attending Cock-Fight	80	1	....	81
Bigamy	4	....	....	4
Breach of Children's Protection Act	11	1	....	12
Breach of Customs and Excise Act	3	....	....	3
Breach of Dairy Act	3	....	....	3
Breach of Forest Fires Act	14	4	....	18
Breach of Game and Fisheries Act	56	2	2	60
Breach of Indian Act	20	2	1	23
Breach of Juvenile Delinquents Act	11	24	....	35
Breach of Lord's Day Act	17	....	....	17
Breach of Master and Servant Act	22	6	18	46
Breach of Medical Act	1	1	....	2
Breach of Narcotic Drug Act	1	....	....	1
Breach of Ontario Securities Act	5	....	....	5
Breach of Other Provincial Statutes	56	4	....	60
Breach of Public Health Act	2	....	....	2
Breach of Railway Act	5	....	....	5
Breach of School Attendance Act	5	1	1	7
Breach of Transportation Fowl Act	4	....	....	4
Breaking and Entering	596	53	6	655
Breaking Gaol	3	....	....	3
Breaking Parole	1	....	....	1
Buggery	1	1	....	2
Burglary	17	3	3	23
Carnal Knowledge	18	5	....	23
Concealment of Birth	1	....	....	1
Conspiracy	6	2	2	10

Return of Criminal Proceedings—*Continued*

Offence	Convictions	Dismissals	Withdrawals	Total
Corrupting Children	15	....	....	15
Criminal Negligence	1	4	....	5
Cruelty to Animals	41	7	....	48
Damage to Property	116	19	29	164
Disorderly Conduct	116	12	3	131
Disorderly House (Inmate)	64	....	1	65
Disorderly House (Keeping)	11	....	....	11
Driving Whilst Intoxicated	480	67	6	553
Defence of Canada Regulations	82	14	7	103
Escaping from Custody	13	2	....	15
False Pretences	131	24	23	178
Forgery	55	2	4	61
Fraud	45	4	9	58
Gambling	19	2	....	21
Games of Chance	8	....	....	8
Gaming House (Inmate)	238	5	3	246
Gaming House (Keeping)	112	6	2	120
Highgrading	9	2	3	14
Housebreaking and Theft	54	1	1	56
Impersonating an Officer	4	1	....	5
Incest	3	....	....	3
Indecent Acts	19	....	....	19
Injury to Animals	5	2	....	7
Insane Persons	104	20	2	126
Intimidation	1	2	....	3
Leaving Scene of Accident, Sec. 285 (2)	85	21	10	116
Lotteries	1	....	....	1
Manslaughter	5	2	2	9
Miscellaneous Offences	192	35	8	235
Miscellaneous Offences, Sec. 285	46	8	....	54
Mischief	19	13	....	32
Murder	3	1	1	5
National Registration Act	144	7	14	165
Non-Support	53	12	8	73
Nuisance	2	1	....	3
Obstructing Police Officer	31	6	3	40
Obscene Literature	1	....	....	1
Offensive Weapons	60	9	6	75
Perjury	6	1	....	7
Procuring	....	2	....	2
Rape	4	5	6	15
Receiving Stolen Goods	60	21	6	87
Reckless Driving, Sec. 285 (6)	842	173	46	1,061
Resisting Arrest	2	1	....	3
Robbery	7	5	2	14
Robbery Whilst Armed	45	4	2	51
Seduction	4	....	1	5
Shooting with Intent	4	2	....	6
Shopbreaking and Theft	62	2	2	66
Theft	1,054	147	63	1,264
Theft of Poultry	67	14	....	81
Threats	5	4	1	10
Trespass	7	1	3	11
Vagrancy	329	73	57	459
Wife Desertion	2	....	2	4
Wounding with Intent	5	2	....	7
TOTAL	6,350	1,059	420	7,829
1940 TOTALS	6,307	1,242	565	8,114

Arrested with or without warrants and persons summoned for offences against the Criminal Code and other Dominion and Provincial Statutes:

Arrested with Warrant under Criminal Code, Highway Traffic Act and other Statutes	1,218
Arrested with Warrant under Liquor Cotrol Act	53
Arrested without Warrant under Criminal Code, Highway Traffic Act and other Statutes	3,029
Arrested without Warrant under Liquor Control Act	712
Summoned, etc	18,289
Total	23,301
1940 Total	23,729

A classification of the ages of persons prosecuted for offences against the Criminal Code and other Dominion and Provincial Statutes, Highway Traffic Act, and the Liquor Control Act:

Ages 1-10	4
" 10-15	432
" 15-20	3,138
" 20-30	7,629
" 30-40	5,129
" 40-50	3,334
" 50-60	1,646
" 60-70	638
Over 70	14
Companies	1,337
TOTAL	23,301
1940 TOTAL	23,729

A classification of nationalities of persons prosecuted for offences against the Criminal Code and other Dominion and Provincial Statutes, Highway Traffic Act, and the Liquor Control Act:

Canadians	17,698
Americans	474
English	721
Indians	258
Irish	119
Italians	239
Polish	337
Russians	85
Scottish	179
Other Nationalities	1,854
Companies	1,337
TOTAL	23,301
1940 TOTAL	23,729

A classification of the sex of persons prosecuted for all offences against the Criminal Code and other Dominion and Provincial Statutes, Highway Traffic Act, and the Liquor Control Act:

Males	18,405
Females	3,559
Companies	1,337
TOTAL	23,301
1940 TOTAL	23,729

A classification of marital state of persons prosecuted for all offences against the Criminal Code and other Dominion and Provincial Statutes, Highway Traffic Act and the Liquor Control Act:

Married	10,073
Single	11,697
Widows	38
Widowers	156
Companies	1,337
TOTAL	23,301
1940 TOTAL	23,729

Number of Search Warrants executed under the following:

	1941	1940
The Criminal Code	1,211	1,371
The Highway Traffic Act	16	14
The Liquor Control Act	1,778	2,040
Number of Arrests for other Forces	436	429
Summonses Served for other Forces	2,053	2,436

LOST OR STOLEN PROPERTY RECOVERED

Property which had been reported lost or stolen to the value of $257,494.13 was recovered by members of the Force and restored to its various owners.

CONCLUSION

In conclusion I desire to express my sincere appreciation for the advice received from the Deputy Attorney-General, Counsel, and Solicitors of the Attorney-General's Department during the year.

I also wish to thank the Press and Radio Officials throughout the Province, particularly the Radio Branch of the Toronto Police Department, for the assistance rendered at all times.

In addition I take this opportunity of thanking all Municipal Police, the Royal Canadian Mounted Police and the Canadian Pacific Railway Company and Canadian National Railways Police for their continued help and co-operation during the period under review.

On behalf of the entire staff of the Force, I assure you that the same constant loyalty, vigilance and devotion to duty will be maintained to the utmost in the critical days that lie ahead.

Respectfully submitted,

William H. Stringer,
Commissioner of Police for Ontario.

FIFTY-FIFTH ANNUAL REPORT

OF THE

Niagara Parks Commission

1941

PRINTED BY ORDER OF
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1942

THE NIAGARA PARKS COMMISSION

HON. T. B. McQUESTEN, K.C., Chairman, Hamilton.
DR. GEORGE B. SNYDER, Vice-Chairman, Niagara Falls.
HON. WM. L. HOUCK, B.S., Niagara Falls.
JOHN C. M. GERMAN, K.C., Toronto.
ROSS HARSTONE, Hamilton.
A. T. WHITAKER, Brantford.
DONALD McGILLIVRAY, Port Colborne.
ARCHIE J. HAINES, M.L.A., Jordan.

General Manager
C. ELLISON KAUMEYER

Administration Building, Queen Victoria Park

FIFTY-FIFTH ANNUAL REPORT
OF THE
NIAGARA PARKS COMMISSION

To The Honourable Albert Matthews, LL.D.,
Lieutenant-Governor of the Province of Ontario.

May It Please Your Honour:

The Niagara Parks Commission begs to submit for the information of the Legislature, the Fifty-fifth Annual Report, covering the fiscal year from April 1, 1940 to March 31, 1941.

The membership remained unchanged from the previous year, consisting of Hon. T. B. McQuesten, K.C., Minister of Highways and Municipal Affairs, Toronto, Chairman; Dr. George B. Snyder, Niagara Falls, Vice-Chairman; Hon. Wm. L. Houck, B.S., M.L.A., Niagara Falls; John C. M. German, K.C., Toronto; Ross Harstone, Hamilton; A. T. Whitaker, Brantford; Donald McGillivray, Port Colborne; Archie J. Haines, M.L.A., Jordan. C. Ellison Kaumeyer, Chippawa, is General Manager and Secretary of the Commission.

The year's work under review has been carried on under war handicaps. Because of the necessity of protecting the power plants and surge tanks within the Queen Victoria Park area, Table Rock House remained closed, and barricades made ingress and egress to and from the Park Restaurant rather involved and constantly reduced patronage, since most of the trade is that of motorists. The Tunnel under the Falls remained closed, cutting off a very valuable source of revenue, and much of the souvenir, china and wool trade of the Table Rock House was totally lost, although removal of available stock to the Park Restaurant was made in an effort to salvage some of what once amounted to $445,000 a year, mostly in American currency.

Your Commission has co-operated in the fullest degree possible with the military authorities, to whom has been assigned the vital task of protecting the Ontario Hydro-Electric Power Commission properties, located both above the Falls themselves, below the Falls, and at the termination of the Chippawa-Queenston Power Canal. During the summer months, a battalion of active service men, in training in the Niagara training area, was at all times maintained within the grounds of Queen Victoria Park. During the winter months, the tented city was abandoned for more comfortable quarters, but thorough patrols were maintained at all vital points, all located within the territory in the trusteeship of the Commission.

Attorney-General Gordon Conant issued early in 1940, the following explanation of the necessities of the precautions taken on the Niagara Parkways:

> Earlier this spring Queen Victoria Park at Niagara Falls was opened and Table Rock House was made available to the public by the erection of extensive barricades and the employment of a number of additional guards. At the same time the boulevard through the Chippawa (Hydro-Electric) plant was opened for buses only under strict control. This was all done to accommodate the public and facilitate tourist traffic. In view of the present war situation and as an extra precaution to the vital Hydro plants involved, the Park has again been closed and access for buses through the Chippawa plant has been discontinued. The former and somewhat improved system of barricades and guarding has been resumed.

Cutting off of through traffic past the Clifton Gate House, through the collapse of the Honeymoon Bridge and the disruption of traffic arteries while the new Honeymoon Bridge was under construction, also had a deleterious effect on sales at what once was a very strategic location, past which travelled in autos, in buses or on foot, the greater part of the American tourist business entering the Niagara Peninsula.

In spite of these handicaps, war-caused or through the crashing of the famed Honeymoon span, your Commission has endeavoured to increase the flow of tourist traffic, co-operating with the Niagara Falls Bridge Commission in engaging the services of a publicity firm to spread in pen and picture and photograph the attractions of the Niagara Parks and Parkways. Your Commissioners believe that in doing this they are contributing to a well worth while part in the war effort, since American exchange through tourist business brings exchange for use for purchasing war materials in the United States. To that end they have maintained the parks and parkways in the highest possible state, and they appreciate the response given by friends of Canada throughout the United States.

As has been stressed in previous reports of your Commission, its work falls into five categories:

Preservation.
Restoration.
Commemoration.
Beautification.
Attraction.

Queen Victoria Park

Naturally, the first requirement in such a programme is that of maintenance of the Queen Victoria Park, the focal point of interest in the wide area of the Niagara Parks Commission properties.

J. Oakes, Chief Gardener, reported to the Commission covering the activities of his department, as follows:

> Maintenance in Queen Victoria Park during the winter months consists chiefly of snow shovelling, turning leaf and compost heaps, sanding the paths, and cleaning up debris and dead wood from the bank and Dufferin Islands, also checking and cleaning tools, stakes, plant boxes, benches, flower boxes, etc. At this time all grass cutting machinery is overhauled, repaired and all grass cutting units on the system ground and put into good shape. All shading material for the frames is repaired. Summer work is planned at this time, seed orders placed, quantities of plants required for bedding are estimated. New varieties of Dahlias, Gladioli, Roses, etc., noted and ordered if required. Gladioli bulbs are cleaned and checked. Dahlia tubers in storage require constant attention. All of these were attended to so that early in March we were able and in a position to attend to the maintenance of the grounds as the weather improved and became warmer.
>
> Early in March we were informed that we would have to operate on a much curtailed expenditure. This required a careful study of what we could do and what we could not do so that the grounds would appear in good shape. With careful planning and meeting each emergency as it came along we were able to keep the grounds in fairly good shape during the season.
>
> In the Rose Garden all the beds of Hybrid Tea Roses were cleaned of the old stock, trenched and well manured, then replanted with new roses purchased from E. M. Eddie and Sons, B. C. The plants grew well and there was a good display.
>
> Ninety-six varieties of Dahlias were grown in the Rose Garden. These were a source of satisfaction, pleasure and profit to the Dahlia growers in and around the district.
>
> In the fall of 1939 approximately twelve thousand violas were planted in Queen Victoria Park and Oakes Garden Theatre. These were raised at the Greenhouse. The plants wintered well, and though the bulbs were not up to standard there was a splendid show of spring flowers in the beds.
>
> Four thousand Narcissus, King Alfred, were purchased from British Columbia. Two thousand of these were planted in front of the Pergola in Oakes Garden, and two thousand were used

Old Fort Erie—restored

Niagara River Parkway, Chippawa, Fort Erie for forcing in the greenhouse. The forced Narcissus from B. C. have been much superior to the ones from Holland.

Spring bedding has become one of our major operations and it was a source of satisfaction to myself and staff that we were able to complete the work with the good results that were ultimately achieved.

In the area occupied by the Army there was difficulty at times with the grass cutting but eventually this was overcome. I regret to state that the paths in this area were not kept up to standard.

The Park Restaurant, Queenston Restaurant, and the Commissioners' Chambers have been supplied with cut flowers and decorative plants throughout the season, and a Mum Show was staged in the Restaurant during November.

Lectures at the Training School for Apprentice Gardeners

During the months of November and December 1939 and January, February and March of 1940 lectures were given to the boys at the Training School on Vegetable growing, Floriculture, and Greenhouse Management. These lectures were given each afternoon for two hours and five days each week. The subjects covered were: Location of Vegetable Plots, Soils suitable for different crops, Weed Control, Insects and Diseases of Vegetables, Marketing and Storing of Vegetables.

Greenhouse Management, Soils and Composts, Pot Plants, Bedding Plants, Decorative Plants, Forcing, Construction and Heating of Greenhouses, and the use of Cold Frames and Hot Beds.

Spring Bulbs, Plants for Cut Flowers, Perennials, Biennials, Annuals, Roses and their culture, Dahlias, Gladioli, Chrysanthemums and Rock Plants.

Bedding plants for the planting of the flower beds at Queenston Heights, Lundy's Lane Cemetery, Mather Park, Oakes Garden Theatre were propagated at the greenhouse. Approximately forty thousand plants were required for this work. In addition four to five thousand must be grown for re-fills (Plants that people steal from the beds), stock and emergencies.

Palms, Decorative plants and Ferns are grown to supply the Restaurants and Commissioners' Quarters. Chrysanthemums, Cyclamens, and pot plants were grown and spring bulbs forced to supply cut flowers during the early months of the year.

The Garden and Frame Yard in the rear of the greenhouses are taxed to capacity in providing sufficient plant material and cut flowers to meet all demands. Several thousand Tulips, Narcissus, and Iris provide cut flowers for the early spring. Following these are the herbaceous plants suitable for cut flower and annuals such as Asters, Anterrhinums, Carnation, Marguerite, Zinnias, Marigolds, etc.

Approximately 70 varieties of Gladioli of the best varieties are grown for cut flowers. These have multiplied considerably during the past two years and we have many thousands of young bulblets coming along.

Biennials, Perennials and Rock Garden plants are propagated for replanting Herbaceous Borders and Rock Gardens. Flowering shrubs and evergreens are propagated from cuttings and seed. There are several thousands of young plants ready for transplanting into nursery lines. A good collection of hardy Chrysanthemums is grown in the garden for cut flowers and for use in the grounds. Ten thousand cuttings of the common Privet were propagated in the spring of 1940.

APPRENTICE GARDENERS' SCHOOL

The important part which the Apprentice Gardeners' School plays in the work carried on by the Commission is indicated in the annual report of K. M. Broman, Superintendent of Arboriculture, from which the following excerpts are taken:

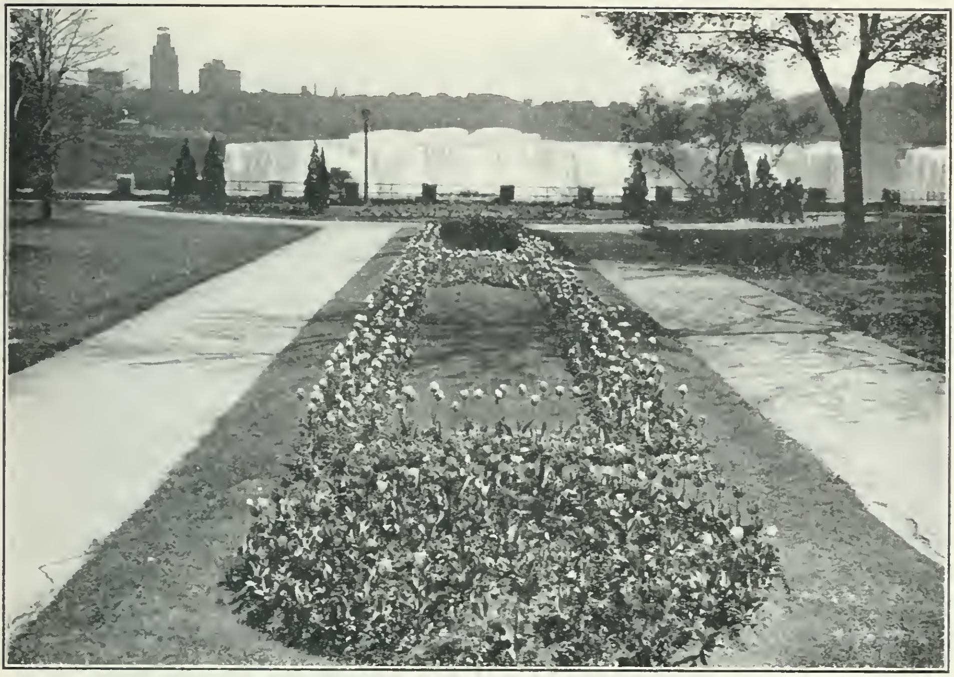
(a) Practical Work Carried Out

Throughout February, March and April, when the weather was unfavourable for outside work, Forsythia, Dogwood, Privet, Rose, and other cuttings were made and planted. When one considers that many of these were later transferred to the New Highway between Stamford and Homer, the immensity of this task becomes apparent.

On May 1, the students commenced the removal of plant stock from the north nursery to new beds about ⅛ of a mile distant. Since many of the trees and shrubs had grown to a considerable size, a tremendous amount of labour was involved. This project was completed in June, so that this material is now arranged botanically and well established in its new site.

A vista was laid out from the residence to the quarry-pond. In June this area was carefully graded and outlined with evergreens.

Propagated by cuttings, over 3,000 phlox plants, consisting of all the varieties in our collection at the school, were set out in this vista. Later these were interspersed with rhizomes of dwarf Iris. Sowing grass seed about these beds gave them an attractive setting, which will be most effective during the 1941 season.



View of American Falls from Administration Building

Training School for Apprentice Gardeners

Starting on April 11, 1940, a walnut grove made up of 1400 trees, originally from Windsor, was planted on the west side of the Parkway, near the Whirlpool.

The new lilac beds with peony borders, opposite the Glen Restaurant, were set out in May. In this collection there are 101 different lilacs, consisting of 34 different species. It should be added that there are 62 varieties of French Hybrid lilacs and 5 varieties of the earlier-flowering hyacinthiflora type.

The Second Year Class on May 1, started a very important job in connection with the New Highway. Working in all 720 hours, these apprentice gardeners planted a total of 57,975 deciduous and evergreen trees. Considering that only useful varieties such as: red pine, white pine, hemlock, larch, hard maple, red oak, chestnut, black cherry and willow, were used, it is almost impossible to estimate the ultimate value of these trees to the province.

Mather Park, the Whirlpool, Oakes Drive Road, Queenston Heights, the Mackenzie Building, Oakes Garden Theatre, Navy Hall, Queen Victoria Park, and the Niagara Golf Course have been enriched collectively to the extent of 6,800 trees and shrubs from the Glen Nursery. On the east side of the Parkway, opposite the School Gates, 90 Japanese double-flowering cherries, 50 forsythia, and 50 dogwood were planted to balance the previous work done on the other side of the road.

One of the most attractive displays in the Parks System has been provided by the beds of irises and peonies which are situated just along the roadway between the quarry pond and the School Gates. The multi-coloured irises, and the 330 varieties of peonies have earned much favourable comment from those who have seen them.

In April the students planted vegetable seeds in the cold-frames in order to obtain seedlings for transference to the kitchen garden. This provided an early supply of vegetables for the School and Restaurant. For field planting the new seeder purchased by the Commission has proved a great time-saver. The vegetables, particularly tomatoes, corn, beans, and potatoes gave excellent results. Only the melon crop was a disappointment, owing to the abnormal rainfall.

Nine acres of oats and nine acres of wheat which were planted in the spring were cut and harvested in September. Excellent yields of grain and straw were obtained from both crops. The grain is being used for poultry feed and for planting in areas where a short cover-crop is necessary; the straw makes excellent bedding for the fowl and protective winter covering for the less hardy plants.

The above represent, in part, the work undertaken and carried out by the apprentice gardeners during this period.

(b) Projects Started

In this same period, certain new projects were started and some of them carried through to completion while a few of them are not yet completed.

During the latter part of August, September and October, the New Rose Garden was staked out and graded by the students. The students laid the water line which will accommodate the fountain (obtained from near Table Rock) that is to occupy a position in the centre of the rose garden. Varieties of roses have been under collection and classification for some time, and these are to be planted here in the spring of 1941.

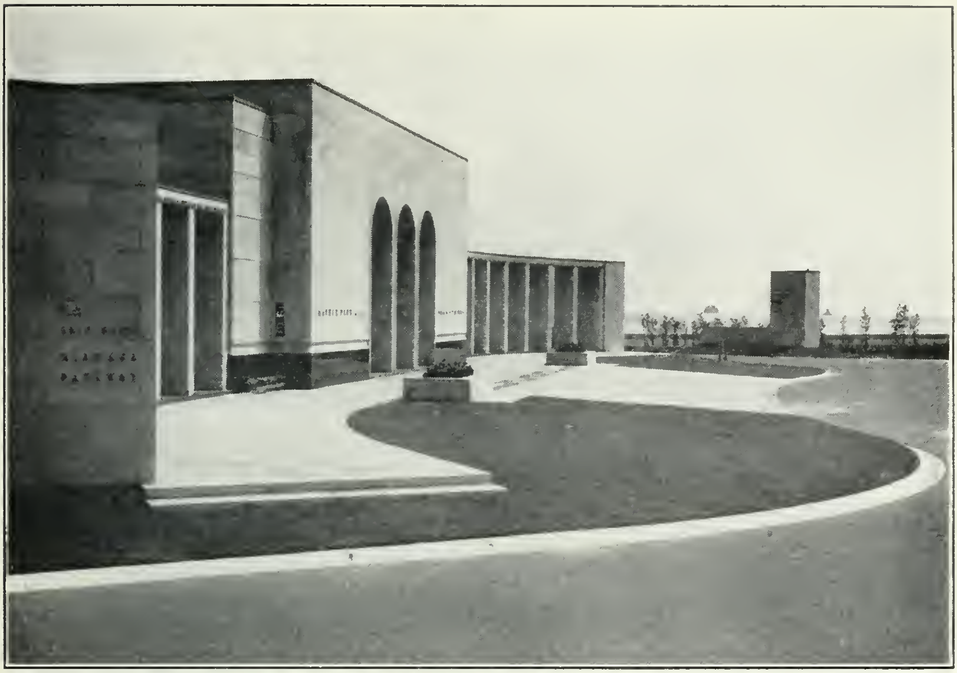
In answer to numerous inquiries on herbs in September 1940, an herb garden was laid out just north of the Lecture Hall. The beds have been outlined with hedges of small arbor-vitae. The first planting of this garden is to take place in 1941.

In order to keep our nursery-stock up to standard various seeds were collected from time to time. Walnut and Horse-chestnut seeds were collected from different parts of the Parks System with a view to stratifying and sowing directly in the spring. Seeds of native flowers and herbs suitable for cultivation were gathered in order to increase the floral varieties in the Parks. A trip to Rochester on December 16th, 1940, yielded several bags of acorns and other seeds for planting purposes. It is the intention to use the seeds of all these trees for planting along the Queen Elizabeth Highway.

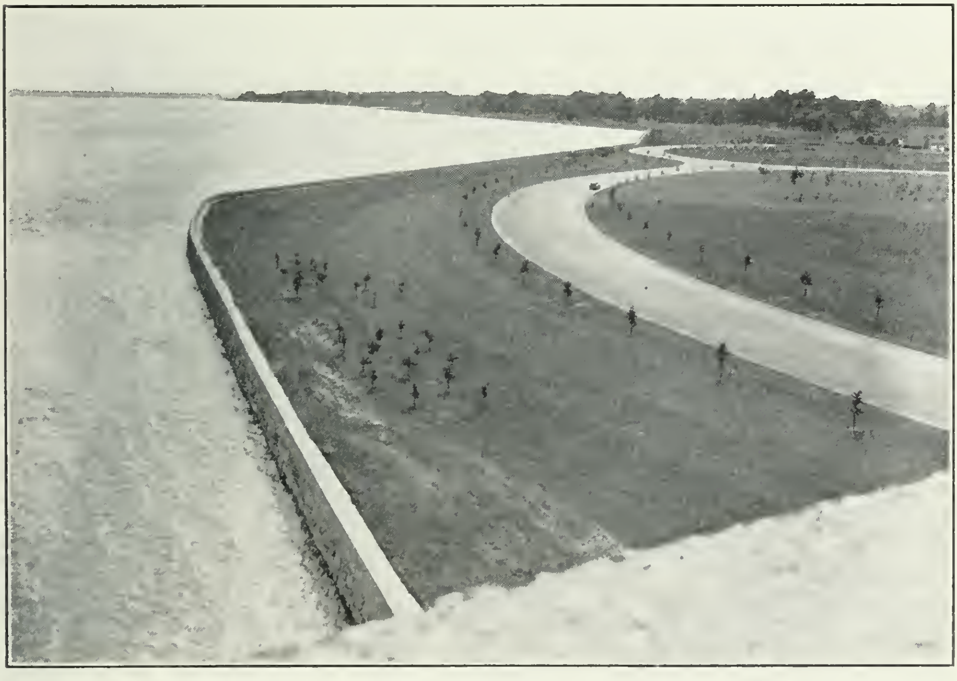
The new herbarium, which now numbers over 500 different specimens of the flora, native to the Niagara Parks System was added to during the summer of 1940. Mr. George Hamilton, our instructor in Botany, has not only carried out this work but has been building up a collection of insects as well, and this may be seen over in the Lecture Hall. Over 50 plants and insect specimens have been preserved in their natural colours in formaldehyde. These are on display in the Lecture Hall and have all ready proved an invaluable aid to teaching.

(c) Experimental Work

On March 13, 1940, experimental work was started, on cuttings of various sorts of trees and shrubs, some easy to propagate and others which are very difficult to propagate by cuttings, such as crabs, hawthorns, maples, etc., using vitamin B1 to determine the value of this substance in "striking" cuttings. The experiment was carried out very carefully for one month and we found very little value in rooting hardwood cuttings by the use of this material. Beginning Thursday, August 1, green beans were picked by a student foreman and these were put in kegs and preserved by a salting down process. From time to time, these beans have been cooked and served on the table at the Training School and are greatly relished by all. Shortly before



Mather Park Gate



General View of Mather Park, Fort Erie

Christmas 1940, beets, which had been harvested in October, were brought into the cellar and placed in soil, in flats. These shot forth "beet greens" in a period of a few weeks and these beet tops proved to be a very popular vegetable on the table at the School while they lasted. Cauliflowers, which had not matured in the field before frost, were taken into the garage in October and placed in boxes of soil. Here they finished "heading" and we had fresh cauliflower on the table for a much longer period than normally.

During the summer months, a number of suitable native plants were moved from their natural haunts to the School Grounds where they are now under cultivation. In this way it is hoped to preserve and increase the use of the best "wild" flora.

The swans, from Oakes Garden Theatre, were brought down to their winter quarters at the Training School on Wednesday, November 26, and a pond was ready for their use. The swans are in good shape and it is now the fourth year that we have kept the badly hurt whistling swan.

(d) Student Activities

In order to develop a school spirit, it has been our policy to treat the students with kindness and encourage them to regard the School as a centre of interest and activity. Certain factors have contributed considerably towards this end.

On Friday evening, February 2, 1940, the students held a skating party on their rink at the rear of the Residence, and they greatly enjoyed it. Then, on the evening of Friday, February 16, 1940, the students were given permission to hold a St. Valentine's Day party, which was also greatly enjoyed.

The School Sweaters, purchased by the Niagara Parks Commission for the apprentices, who started at the School October 2, 1939, were distributed to them February 12, 1940. The kind gift of these sweaters, by the Niagara Parks Commission, to the students is very much appreciated by them.

School stationery, coloured green, and with the name of the School printed on it, was purchased by the Parks Commission, being brought to the School for the use of the students on July 3, 1940.

Tuesday afternoon, August 27, 1940, all the students acted as special guards for the visit of the Governor-General of Canada, the Earl and Countess of Athlone, and Princess Juliana of Holland, to Oakes Garden Theatre. On Saturday afternoon, August 31, the apprentices acted as ushers at the official opening of Mather Park.

Wednesday, August 28, 1940, eleven students were taken to the Canadian National Exhibition in Toronto. After a very profitable and enjoyable day they returned to the Training School, shortly after midnight. A bus was chartered for the trip.

A new procedure instigated, is to start each day at 7.00 a.m. with 15 minutes of physical exercise. This helps loosen up muscles and develop correct carriage and agility.

(e) Graduations

Graduation Day for the Third Year Students who started at the School, May 1, 1937, was held Friday, June 14, 1940. All the students at the School attended the graduation exercises at the Park Restaurant at 1.30 p.m. and the graduates received their diplomas from their respective Park Commissioners.

The class which started in October 1937, remained till September 13, the date when graduation was originally scheduled for these students. Since it was impossible for the graduating students of this Year to attend the graduation exercises at this time, it was postponed and was held on Wednesday, December 11, 1940. Only four of the graduates were present at the Banquet which was held in the Training School at 1.30 p.m. The members of the Niagara Parks Commission presented the following graduates with their diplomas:—Richard Brown, who was awarded the Scholarship this year, Reginald Lutes, Eugene Muma, Donald Dunham, and Leonard Riley, the exchange student from Kew. Patrick Goodyer was unable to attend Graduation Banquet as he was stationed in Montreal, Quebec, in the Royal Canadian Air Force, and Bruce Morse and Reginald Owen were not given their diplomas on account of not having finished their apprenticeship and their lack of interest in their work.

(f) Progress Achieved by Apprentice Gardeners

The new class of eight apprentice gardeners started at the School October 2, 1940. We are very pleased with their work and conduct at the School.

Apprentice Patrick Goodyer, who started at the School in October 1937, was released from his apprenticeship to join the Royal Canadian Air Force, June 15, 1940.

Apprentice Reginald Lutes, who started at the School in November 1937, obtained a gardener's position, Tuesday, May 28, 1940, and he was granted a release from his apprenticeship.

James Waters, the student who started with the first class enrolled at the School, on July 27, 1936, and who was sent as an exchange student to the Royal Botanical Gardens, Kew, England, on July 21, 1939, returned to Canada, the latter part of August 1940, and started work at the Training School, on Tuesday, September 3, 1940. At present he is the foreman at the Training School.

Ray Halward, who graduated from the School in July 1939, and who started in the very first class at the School, July 1936, was given the foremanship over a small gang of men who started to plant hawthorns along the New Highway, from Stamford to Fort Erie, on November 5, 1940. Altogether they planted 2,750 trees and dug and heeled-in, 23,845 hawthorns, until February 22, when work was temporarily discontinued on the Highway. At this time Ray Halward was brought back to work at the School.

Apprentice Lewis Curtin, who started at the School in October 1939, was granted his release from his apprenticeship on December 10, 1940, in order that he might join the Royal Canadian Air Force.

Apprentice Richard Brown, who started at the School in October 1937, was given a release from his apprenticeship on August 15, 1940, in order that he might commence work as a foreman down at Fort George, Niagara-on-the-Lake.

Leonard Riley, our exchange student from the Royal Botanical Gardens, Kew, finished his course July 31, 1940, and was given employment with the Niagara Parks Commission at the Training School, as propagator, beginning August 1, 1940.

John Ness, who graduated June 14, 1940, obtained a position with the Pulpwood Supply Company of Canada, at Long Lac, Ontario. He has now been accepted by the R.C.A.F.

Roland Barnsley, who was awarded the Kew Scholarship and elected to study botany at Queen's University has been offered the position for the summer months of revising and bringing the University Herbarium up to date. This speaks well for the training he received at our School.

During the summer and fall of 1940, cherries, beets, beans, tomatoes, tomato juice, grape jam, peaches, chili sauce, and applesauce were canned to use on the table at the School.

Shortly before Christmas 1940, we were very fortunate in having the Commission purchase two new projectors, a movie camera and a movie projector, for the Training School. These projectors will enable us to show slides of horticultural subjects, etc., on the screen and even opaque objects such as seeds, pictures from text-books, etc., may be shown enlarged many times. This equipment has already proved its worth in presenting lectures to the students and new uses for it are bound to develop as time goes on.

May I permit myself to say that during this period the general conduct of the students has been satisfactory.

Offer Made to Kew

There were no appointments made to fill the spring graduating class, as it was felt not desirable to have two classes graduate in one year and none the next. In the meantime, however, the Commission offered to take eight students from the Royal Botanic Gardens, Kew, outside London, England, if they wished to come to Canada for the duration and if transport arrangements could be made. Such arrangement could not go through however, owing to war difficulties.

The following letter from Sir Arthur Hill, Director of the Royal Botanic Gardens, Kew, Surrey, England, dated Sept. 24, 1940, will be of general interest:

> Dear Mr. Kaumeyer (General Manager of the Niagara Parks Commission):
>
> Thank you for your letter of Sept. 4 with regard to exchanges between the Royal Botanic Gardens, Kew, and Niagara Parks Commission. I hope as soon as the war comes to an end we shall be able to resume the exchanges which have already proved of so much value, but during the progress of the war I much regret that it will not be possible to send any of our students to Canada. I much appreciate the kind proposal of the Board of Niagara Parks Commission, to take eight of our apprentices for one year, but nearly all of our young student gardeners have entered the Army, Navy or Air Force and we have no young men here available to take advantage of the kind offer. Please convey my thanks to your Board for their kind suggestions. I am glad to hear that Mr. Riley has been successful and that you are engaging him for another year at least. I am also glad to hear of the safe return of Mr. James Waters and to hear that you are also engaging him on the regular pay roll of your parks system.
>
> With kind regards and hoping that it may not be long before we can resume exchanges, I am,
>
> Yours very truly,
>
> (Sgd.) Arthur Hill, Director.

In view of the above, the Commission regretfully made other arrangements. The first two graduate scholarship winners were given the equivalent of a year's scholarship at botany in Queen's. After that it was decided the scholarship would be discontinued and in its place would be given only some slight recognition, the amount heretofore set aside being repealed and not to be repeated until notice was given after the war and the Kew plan was resumed.

Richard Brown, Mount Pleasant, was the last scholarship winner to receive the original scholarship award, being the third in succession.

A grant of $50 was made to each of the apprentice gardeners who joined any branch of the Canadian Active Army.

ENGINEERING WORK DURING THE YEAR

The fiscal year of 1940-41 was not one of heavy capital expenditure, since efforts were made to keep these down to absolute necessities.

L. L. Gisborne, Chief of the Engineering Department, reports briefly the following construction and renovations:

Capital Expenditures

Addition to Wm. Lyon Mackenzie Building.
Iron railing and steps to Brock's Cenotaph.
New Restaurant at Queenston Heights Park.
New Pavilion to serve ice cream, light lunches, etc., at Queenston Heights Park.
New cable and transformer for lighting and power purposes at Queenston Heights Park.
Telephone cable at Queenston Heights for new Restaurant, Pay Station, etc.
Parapet Wall at Niagara Glen.
Replacing asphalt paths at Queenston Heights with flagstones.

Alterations

Niagara Glen Restaurant enlarged main Souvenir Room removing coat cupboard.
Building bedrooms for helps' quarters.
Building Storeroom.
Building Main room on second floor for displaying extra souvenirs, china and blankets.
Redecorated Table Rock main souvenir and china room.
Installed new water line at Boys' School for fountain, etc.

Under the direction of N. McCartney, Field and Office Engineer, the following construction work was carried on during the fiscal year:

Fort George

Work was continued on the restoration of Fort George which consisted of completing block houses, caretaker's building, Brock house, garage and storehouse, sand pit, interior woodwork in officers' quarters, paths and underground power and telephone installation.

Trading Post

The Trading Post or souvenir and ticket office was constructed outside North entrance of Fort George to conform with the Fort buildings.

Navy Hall and Area

A pile dock 80 feet in length was constructed at the water's edge and connecting with Navy Hall by a ramp with masonry side walls.

Restaurant—Queenston Heights

A new Restaurant building overlooking the escarpment and viewing the lower Niagara River was started in November, 1939, and completed and opened to the public Saturday, June 8, 1940. Timms Construction Company, Welland, had the general contract.

Mather Park Gateway

This structure was completed and opened to the public by a Ceremonial on August 31, 1940. The Brennan Paving Company, Limited, had the general contract. Lighting was installed at the traffic circle in front of the Arch.

Lands

The Commission purchased a parcel of land containing 13.67 acres, from the International Railway Company, situated opposite to Queenston Heights Park between the Parkway and the river bank in Lot-3, in the Township of Stamford.

MATHER PARK OPENING — DEATH OF A. C. MATHER

An outstanding event of the year was the official opening of the Mather Park, Fort Erie, and a saddening event was the death of Alonzo Clark Mather, for whom the park and the Mather Park Gate will be an everlasting memorial. The official opening took place Saturday, August 31, 1940. A service of dedication was carried out within the Memorial Arch, which is located at the important junction of the Peace Bridge outlet from Buffalo, into Fort Erie, the Niagara Parkway, the Garrison Road and No. 3 Highway leading to points in Western Ontario. Hon. T. B. McQuesten, Chairman of the Niagara Parks Commission, was the principal speaker. Hon. William L. Houck, M.L.A., for Niagara Falls and vice-chairman of the Ontario Hydro-Electric Commission, was chairman for the occasion. Other speakers were Richard B. Mather of Kenmore, N.Y., a cousin of Alonzo C. Mather, in whose honour the memorial gateway was constructed and John W. VanAllen, general counsel of the Buffalo and Fort Erie Peace Bridge Commission, also one of the founders of the international structure.

After expressing the gratitude of the Ontario Government to Mr. Mather, who had donated seventy-five acres for the park site, as well as donating $30,000 towards the cost of construction of the memorial arch, Hon. Mr. McQuesten emphasized the importance of cordial relations existing between the United States and Canada at the present time in view of the current grave international situation.

> These are days when the relations between this country and the British Empire, which it represents and the great country to the south of us are becoming more cordial and warmer. I refer with satisfaction to the new method of agreement arrived at recently between your president and the Prime Minister of Canada at Ogdensburg, N.Y. This is a new departure of utmost importance.
>
> It is now because it represents a common sense arrangement between the executive branches of the two governments carrying on day-to-day relations without the scratch of a pen or the formal signing of the provisions of a treaty between the Dominion and the United States under present conditions. So formidable are the safeguards erected by your constitution and our former practice, that before we had reached even the stage of drafting it, and had gone through the wrangles and arguments which prelude every treaty, all the goodwill would have gone out of it, and all the friendliness and cordiality which ought to mark such an association would have disappeared long before even the form of words had been agreed upon.
>
> How much better to proceed by way of administrative action; to put performance before talk; to show the two nations the actual result of co-operative action and to do it upon the basis in which there are not commitments beyond a day-to-day product of mutual good will and joint effort. I say this is an astonishing advance in our relations and one which will bring only benefits and leave no sorrow behind.

MR. VANALLEN

A close personal friend of Alonzo C. Mather, now in California, Mr. VanAllen expressed his regret of the inability of the latter to attend through the fact that his health would not permit him to do so. He characterized him as "endowed by his Creator with the ability to grasp what nature had given to this area and to foresee what works of men were necessary to put its resources to useful purpose".

One element of Mr. Mather's plan was a magnificent harbour extending from Fort Erie to Fort Erie Beach. Another element of his plan was developed of secondary electric power. He proposed that the work of man to generate this electricity should consist of water wheels under a bridge structure, which would have been monumental in character, spanning the Niagara River as an adjunct to the works necessary to create this power. He added, "Not only did Mr. Mather believe in the things he conceived, but he was willing to support his convictions and his faith in them by investing his own funds. When the Peace Bridge sought lands from Mr. Mather for a Canadian terminus, he offered it at cost without profit and then made the generous offer of including in the transaction a dedication of the lands and waterlots constituting the major portion of this park."

A Message From Alonzo Clark Mather

A man is justified in alluding to his own works only to give confidence to others in him and his works. That is my excuse today for referring to some events of the past which are significant in connection with the official opening of The Mather Park and the dedication of The Mather Gate. Half a century ago, almost to the very day, I sat on the water-front of this great Niagara River and saw all the waters of the Great Lakes pouring through the narrow stone channel cut by Nature; and it dawned upon me that this was a natural spot for a bridge that could be a profitable investment, and there ought to be one built at once. So impressed was I with this fact that I bought all the land which I possibly could secure on the banks of this, Nature's great mill-race. The thought occurred to me that this bridge might be a Memorial Bridge and still be self-sustaining by utilizing the waters which passed beneath it for energy in the form of electricity. Please remember that all this of which I speak was fifty long years ago; before those subsequent developments in hydraulic and electrical engineering had made possible the marvellous power developments at Niagara Falls. A bridge which would be a memorial to the inventors of the 19th century (then just closing) seemed to me to be most fitting. Why, I asked myself, should all the monuments in the land be erected to soldier and statesman, whose laurels would be few had not the inventor given them rapid means of destruction, publication and communication? Due to political opposition, the bridge which I envisioned and planned was not to be. And, with the defeat of the proposal went the fulfilment of all the designs for the development of electrical power from great water-wheels under the bridge. But the developments of time and human ingenuity are not to be denied. Today you have, almost on the very site upon which my plans were based, a great Peace Bridge making possible safe, rapid and convenient travel for the citizens of Canada and the United States. And the waters of this great river are now developing millions of horse-power of electricity at many hydro-electric power houses at Niagara Falls.

To my profound regret, I cannot be with you today because I am still confined to my home in Los Angeles as the result of a serious accident which befell me a few months ago. But my heart is with you. In these times of strife it is good that the two great nations of the North American continent are not merely at peace, but living in harmony as friendly neighbours. It is good that we can meet here with mutual understanding and co-operation for this dedication.

My ancestry is English. The first emissary sent out by England to civilize the new world was Richard Mather, in 1635. His son, Increase Mather, was granted a charter for New England, which gave him more power to control and educate the people to follow the path which was to make this New World what it is today. Cotton Mather, the son of Increase, was a great educator in the cause of world civilization. His son, in turn, followed in the work of his ancestors. All these men were devoutly religious. It is my belief that religion and civilization go hand in hand. Without the one you cannot have the other.

Now in 1940, that little group of islands we call Great Britain, surrounded by mines and threatened with destruction, is the heart and defender of civilization in the world. So long as that heart beats, so long will our civilization last and advance and progress. If all English speaking people in the world will go to the assistance of England, civilization will be preserved.

God bless you all.

Hon. William L. Houck, Chairman, pointed to the fact that the park is regarded as one of the beauty spots of Canada. The arch is in modern monumental design, and one wing contains plaques relating to incidents in the long and honourable history of the Mather family. The other wing will contain a small museum emphasizing the good relations between the United States and Canada. The arch eventually will be the gateway to a vast system of modern highways which will reach from the Peace Bridge to Ottawa. Part of this system to be known as the Queen Elizabeth Way, is completed. The Park, seventy-five acres, is regarded as a part of "the front verandah of Ontario". Turning briefly to the present international scene Hon. Mr. Houck predicted that after the conclusion of the present great war, which will be won by Britain and her Empire, "Canada and the United States will be the two greatest nations on earth. If any Canadian province erected a monument to a dead American hero it would be remarkable, but in this case tribute is being paid to a living American by Ontario, and is unprecedented."

At the conclusion of the ceremonies, members of the American Legion and the Lincoln-Welland Regiment band raised American and Canadian flags, while the assemblage sang the anthems of both countries. Hon. Mr. McQuesten presented a bouquet of flowers to Margaret Ann Mather, daughter of Richard B. Mather.

Hon. Mr. Houck then introduced to the audience Carl A. Borgstrom of Toronto, one of the three architects of the park, the others being H. S. M. Carver and E. L. Sheppard. Engineers were Hagey and Gray of Fort Erie. Horticultural Supervisors K. M. Broman and H. McCracken.

Invocation was asked by Capt. Rev. Henry Cotton, pastor of the Central Avenue United Church, Fort Erie, and chaplain of the Canadian Legion Post 71, Fort Erie.

The setting for the ceremony was unusually impressive, with the beautiful arch meeting the eye as one looked to the west, while in the opposite direction the sky-line of Buffalo stood out clearly across the waters of Lake Erie and the Niagara River. The floral decorations seemed at their best for the occasion, one large bed of petunias attracting much admiration from visitors present by their unique blending of striking colours in contrast.

On January 25, 1941, Alonzo C. Mather passed at his home in California at the extreme age of 92. He was known as the "only American to whom a public monument was ever erected in the Dominion". That his feeling towards Canada, and especially to the Fort Erie and Niagara River and Niagara River district was very deep was revealed further in his will, by which he left the sum of $250,000 to the Peace Bridge Commission and to the Niagara Parks Commission, to the former for placement of busts or plaques on the Peace Bridge to honour those who contributed to the building up of friendly relations between Canada and the United States through the construction of the Peace Bridge as a link between the two. The clause in the will reads:

> A commission was appointed in 1919 by special Act of Congress to devise plans, ways and means to erect a memorial bridge from Buffalo to Canada to commemorate One Hundred Years of Peace between the two countries, with which I am in deep sympathy. On account of having long been interested in building a bridge from the foot of Massachusetts Avenue in Buffalo across the Niagara River to Fort Erie, Canada, preparing plans and acquiring the necessary land and terminals on the Fort Erie side over twenty-five years, and on account of the natural beauty and wonderful location, at that time I planned to make a memorial to the artists, authors and inventors of the two countries, and in my plan arranged a gallery extending entirely across the bridge in which suitable busts, tablets, or inscriptions could be placed in commemoration of the great men

of both countries, with the idea of bringing closer together the men, women and children of the two great English speaking peoples, it is my desire unless arranged for before my decease that a sum be set aside from the residue of my estate, not otherwise disposed of, of Two Hundred and Fifty Thousand Dollars ($250,000) with which to install on this bridge suitable memorials to the memory of Canadian and Americans which in the judgment of the Commission in charge of the Bridge ought to be erected, as well as their locations, also in maintaining and beautifying Mather Park at the Canadian Terminus of the said bridge (which should always be given preference in the expenditures of funds available) which is to be created by the Queen Victoria Niagara Falls Park Commission on land donated to them for that purpose by me, and if said Park is not completed at the time of my death, that they be urged to do so in accordance with the conditions in the deed conveying the land to them.

Honour Dead of Historic Battle

Stirring days in Canada's early history were recalled when a bronze tablet bearing the names of those who gave their lives in the Battle of Queenston Heights on October 13, 1812, was placed on the Brock Monument. This well known and impressive monument was erected in 1853 in commemoration of the civil and military services of Major-General Sir Isaac Brock, who was killed in action during this historic engagement. Inscriptions relate that General Brock and his staff-officier, Lieutenant-Colonel Macdonell, are buried in the vault beneath. The massive monument is visible for many miles, and each year is visited by thousands of people from all parts of the world.

Recently the Historic Sites and Monuments Board of Canada, which co-operates with the Department of Mines and Resources in the marking of national historic sites, compiled a list of the names of members of the regular army, the Canadian militia, and the Indian warriors who were killed in the battle of Queenston Heights. This list was prepared from records in the War Office in London and the Public Archives in Ottawa, and the tablet was unveiled on October 12 last, 128 years after the battle, in an impressive ceremony arranged by the Niagara Historical Society. Detachments from the Lincoln and Welland Regiment, the Dufferin and Haldimand Regiment, and the Argyle and Sutherland Highlanders, were present. Professor Fred Landon, of the University of Western Ontario, represented the Historic Sites and Monuments Board, and an outstanding feature of the ceremony was an address delivered by Mr. W. F. Powless, an Indian of the Six Nations Reserve, Brantford, who spoke with much eloquence.

Battle of Stoney Creek

Tribute was paid to the gallant soldiers who gave their lives in the battle of Stoney Creek at an impressive ceremony held on the battleground, which is situated not far from Hamilton, Ontario. Under the auspices of the Women's Wentworth Historical Society, a bronze tablet containing the names of these heroes was placed on the monument commemorating this historic battle, fought June 6, 1813. The tablet was unveiled by Major-General the Honourable S. C. Mewburn of Hamilton, and Dr. C. H. Stearn of McMaster University gave an address outlining stirring events connected with the battle. The Historic Sites and Monuments Board of Canada, an honorary body which co-operates with the Department of Mines and Resources in the marking of historic sites, was represented at the ceremony by Professor Fred Landon of the University of Western Ontario. The turning point in the struggle for Upper Canada, the battle of Stoney Creek is commemorated by an imposing monument, the first sod of which was turned in 1908 by the Lady Grey, wife of the then Governor General. General Sir John French laid the corner stone in 1909, and on June 6, 1913, the centenary of the battle, Her Majesty Queen Mary, by pressing a button in Buckingham Palace, unveiled the monument. Now a list of the names of those killed in the battle compiled from the records of the War Office in London has been added.

THE RAINBOW BRIDGE

Naturally your Commission is vitally interested in the work on the Rainbow Bridge, being constructed to replace the Honeymoon span, ill-fated plaything of a Niagara Gorge ice jam. Three members of the Niagara Parks Commission and its secretary and general manager are the four Ontario representatives of the Bridge Commission, with four members from New York State. At the time of writing this report, the girders were outlining the form of the arch which will be chief support of the four-way traffic lanes above, and it was expected that August 15 would see the bridge in operation.

Of much significance was the editorial in the Buffalo Evening News following the dedication ceremonies in connection with the first placing of steel in position. It read:

> Dedication ceremonies at the placing of the first steel in position on the new Rainbow Bridge at Niagara Falls the other day served to direct attention again to the continuing close relationship of the interests of the United States and Canada. The bridge, scheduled for completion next August, will provide another link between the two nations—another symbol of friendliness and good will. But the Ontario Minister of Highways and chairman of the Bridge Commission spoke of the growth of "an invisible barrier". "Rumours hostile to Canadian interests and indirectly hostile to American interests have resulted quite unintentionally from careless handling of the facts," he said, "but I do not question that to a very large part they have been originated, stimulated and ramified by those who would prevent American dollars from entering Canada, knowing full well that those same dollars spent for pleasure and recreation here return again to the United States to purchase war materials and everyday essentials".
>
> At distances from the border, doubtless confusion has risen regarding the attitude of Canada and Canadians toward American tourist travel. Communities along the border in the United States should do all they can to dispel rumours and confusions arising from Canada's position in the war. Canada greatly needs that business and the United States should co-operate in helping her to get it. By so doing the United States not only will serve a friendship of long standing but will be promoting its best economic and international interests.

Record Formal Dedication

In the presence of members of the Niagara Bridge Commission, Hon. T. B. McQuesten, Chairman of the Commission, on February 17, 1941, smashed a bottle against the first steel rib of the new Rainbow Bridge and formally dedicated it. The bottle was full of water taken from both sides of the Niagara River.

In his address, Mr. McQuesten saw the new bridge as a symbol drawing the Canadian and American people still closer together. He dealt with rumours being spread in certain quarters to prevent American tourists from coming to Canada and pointed out that entry is the simplest thing in the world and that Americans will be welcome to the Dominion.

As he smashed the bottle of water, Mr. McQuesten said: "With this mixture of water from our two great countries, I hereby dedicate this steel to afford a similar community of our interests and problems".

A lattice of steel "rib" girders will connect the arch of the new Rainbow Bridge with the upper level of the structure. The span will be of the steel arch type with the centre arch nearly 1,000 feet long. The roadway has been planned to accommodate four lanes of traffic, separated by a four foot centre strip. A wide promenade along the side facing the falls is also included in the design.

"The main span," said a consultant engineer for the bridge commission, "will be of the same type as the Henry Hudson Bridge, spanning the Harlem River Ship Canal, at the tip of Manhattan. It will be the longest fixed-end arch bridge in the world".

The new location, a little farther down stream than the old span, will provide many advantages. The bridge will not be covered with spray from the falls, which placed a heavy ice burden on the old structure in Winter. Another reason for the change is to reduce traffic congestion that became acute in recent years at the old location. Many visitors who drove to the Canadian side to view the falls remained to see the night illumination and then sought to return across the river at once. This resulted in frequent jams.

Link Bridge to Thoroughfares

As a part of the project, a ramp is being built to carry traffic over the Niagara River road. A new approach is also being built from Falls Avenue, located farther west, thus giving two additional ways of entering the new span. Instead of one lane in each direction afforded by the old structure, engineers have provided a six-lane approach which resembles a fan in design. Plazas on each side of the project will be more spacious than the old ones and will each accommodate more than 200 cars at a time. A large parking space also will be provided near the Canadian approach. It will command a superb view of the twin falls.

Modern toll booths and facilities for inspection by Customs and Immigration officers are included. Twelve lanes will be available for entering and leaving on the New York side and fourteen lanes on the Ontario end. For through drivers, a road spur in Ontario will connect the bridge directly with the Queen Elizabeth Way. This link will be similar in design to this new Canadian super-highway and will be opened at the same time as the bridge. When completed, the ninety-one mile Queen Way will extend from the city limits of Toronto southward around the western extremity of Lake Ontario—avoiding Hamilton—to Fort Erie, opposite Buffalo at the eastern end of Lake Erie. Good connections also will be made available to Highway No. 8 to St. Catharines and Hamilton and to Highway No. 20 carrying traffic from the west, including Chicago and Detroit.

Joins New York Routes

On the New York side, pleasure cars and commercial vehicles will be routed by direct spacious avenues to main highways, including Route 31, leading direct to Lockport, Rochester and other eastern points, as well as Routes U.S. 62, 18 and 324, leading to Buffalo and providing connections with cross-State highways and arteries leading to Pennsylvania.

The abutments, or bases, of the new Rainbow Bridge are located farther back from the water's edge and higher than on the old crossing. The foundations are far above any known high-water mark and have been driven through more than twenty feet of shale to solid rock. In January and February the ice is sometimes seventy feet high at the falls. As the ice forms from underneath, and grows higher and thicker, this movement builds a so-called ice bridge. That action two years ago lifted the bases of the old bridge, which were near the water's edge, and in moving down stream caused the collapse of the forty-year-old span.

A landscape scheme has been planned to harmonize with the other rock gardens, terraces, promenades and shrubbery of the Oakes Garden Theatre which is a part of Niagara Parks. Among trees, plants and shrubs to be used are maple, linden, Douglas fir, spruce, pine, juniper and Swedish horn-beam; also roses, weeping birch, mountain ash, together with rhododendrons, azaleas and ornamental flower beds.

INTERNATIONAL RAILWAY

Almost a perennial is the litigation initiated by the International Railway Company. Not satisfied with the original judgments of the Privy Council, awarding $1,057,436 and interest on the award from 1935 to 1937, which was paid by the Commission, the International Railway Company entered action for interest on the award from 1932 to 1937—in other words interest on money not awarded. This action was heard before Mr. Justice Kelly, and was dismissed with costs. The company entered an appeal before the Privy Council. This was heard, in spite of the "Battle of Britain". (While beyond the time of this report, the Privy Council decision was against the Commission to the extent of $300,000, putting a still greater financing burden on your Commission).

Financing caused almost in its entirety by the various awards with regard to the International Railway Company was necessitated during the year. With outstanding notes of $2,500,000, it was decided to issue short term notes on very favourable terms, (for two and one-half per cent) for a two year term, to a total of $3,000,000, inclusive of the above mentioned sum. These notes are guaranteed by the Province of Ontario.

RECONSTRUCTION OF FORT GEORGE

The war also brought about postponement of a formal opening of Fort George, restored by the Commission as part of its work of restoration. Arrangements had been made for Mr. Sherlock Herrick of the Fort Niagara Association to speak for the United States, the Commission Chairman, Hon. T. B. McQuesten, to speak for Canada, the U.S. 28th. Infantry Band to supply the music, the Fort Henry Guard from Kingston to fire the salute, to be answered from Fort Niagara, and the Fort Henry Guard to supply sentries. War conditions forced a postponement. Since continuance of the war may mean further postponement of a formal opening, it might be well to recall in this connection, that the work of restoration was carried out in detail according to the original plans, brought out from the dusty files of the Royal Engineers in England. How painstaking that job was done is indicated by an incident during the work. Workmen found a rusted brass lock, the name of the Birmingham firm that made it was deciphered. Officials found that the firm was still in existence, they appealed to it for help. Going through its records—it was before the 1940-41 blitzkreig—it was found that it had actually supplied the locks to Lieutenant-Governor John Graves Simcoe in the 1790's; that they still had the original patterns. They reproduced the locks for use throughout the reconstructed fort.

Fort George actually played no part in the wars prior to the American Revolution, since Fort Niagara, across the River, was the British fort. After that was conceded to the Americans, in 1795, Simcoe, then Governor of Upper Canada, commenced the building of Fort George on the Canadian side of the Niagara River. Actually it was not a fort but an entrenched camp, covering about ten acres, with deep trenches, high walls, bastions, barracks, powder magazine—that was the only stone building—and other buildings, faithful reproduction of which has been made. In 1796 the formal transfer of the British Garrison was made from Fort Niagara to Fort George and the former became, for the first time, an American possession, the which it has since remained. The largest bastion of Fort George, known as "The Cavalier" was the pride of General Brock who, with Col. Macdonell, was buried beneath it in 1812. Twelve years later the remains of these famous officers were removed to the scene of their last battle, Queenston Heights.

Coincident with the restoration of Fort George was carried out by the Commission, the restoration of Navy Hall, the meeting place of the First Parliament of Upper Canada, and the Old Customs Building.

At a time when the joint defence of Canada and the United States is a major consideration, it is not without significance that while the original Fort George was constructed to keep Americans out of Canada, the reconstructed Fort George is conceived to bring Americans into Canada, as tourists interested in what was the early defence of the frontier. To these it will be of interest that after a brave resistance, Fort George fell to the United States in the battle of Fort George on May 27, 1813, but as a ruin, for before retiring the British garrison set fire to the buildings and blew up the earthworks. To strengthen their hold upon the area during their six-month occupancy, the American invaders constructed a field work upon the ruins of the British fort. Today the hold the Americans have is the hold of "good neighbours", jointly engaged in protective measures against a threat from absolutism.

The Park Restaurant

In good time for the 1940 season, J. A. Ingram was appointed Steward of the Park Restaurant, situate within Queen Victoria Park. Despite the difficulties experienced because of war conditions, as the financial report shows, the Restaurant did well. The erection of military barricades to guard the surge tank located just north of the Park Restaurant meant the direct access to the Park Restaurant from the River Road was cut off. It was necessary to turn traffic a portion of the way up Murray Hill, then turning it south until the limited parking area to the south was reached, since the front driveway had to be kept open. This greatly restricted the available parking space, adequate provision having been made, in the taking up of the I.R.C. tracks, for parking space on the River Road itself directly in front of the Park Restaurant.

Your Commission has found that it takes about a year for a new Steward to be "broken in" to the job, and was looking with anticipation to a successful season in 1940, based on Mr. Ingram's greater familiarity with the Park Restaurant, its facilities and the type of trade which it has won. To keep in touch with developments in the restaurant trade, Mr. Ingram was attending a gathering of the Hotel and Restaurant Keepers' Association in Toronto. Motoring home, alone, his car came in contact on the Queen Elizabeth Highway, with one driven by Charles Conn, R.R. No. 4 Brantford. Mr. Ingram suffered such injuries that his death resulted in the Hamilton General Hospital to which he was removed after the crash.

At the initial meeting of the new fiscal year, the Commission, having advertised for stewards, selected Mr. W. B. Bain as Steward at the Park Restaurant and Mr. J. G. Brown as Steward at the Queenston Restaurant. Significantly, Mr. Bain had been Steward at the Park Restaurant previous, for a five-year period in the 1920's, the financial statements for the period showing a steady increase in net profit after depreciation. Your Commission is hopeful that under his still most experienced management and despite the war years and their problems, the record he set previously will be re-established.

During the year, the Commission received an auto load of rare hardy plants from the Jardin Botanique de Montreal, through the courtesy of Director Henry Teuscher, and hereby records its thanks for the generous gift. The rarities were set out in the nursery and will be available at a later date to continue reproduction through vegetative methods.

GUESTS

His Excellency the Earl of Athlone, Governor-General of Canada, and Her Royal Highness, the Princess Alice, paid an official visit to Niagara Falls on August 26, 1940. The official reception was held in the Oakes Garden Theatre, then most beautiful, and afterwards they were entertained at the Commissioners' Quarters at the Park Restaurant.

Other guests entertained during the year included:

Mr. Michael Powell and Mr. Pressburger, England.
Mr. and Mrs. Rose, Australia.
Women's Press Clubs—Ontario.
Mr. Vicent, Montreal Botanical Gardens.
Mr. Rawnsley and party, England.
His Excellency the Earl of Athlone, Governor-General of Canada and Princess Alice.
Gracie Fields and party, England.
Sir Wm. and Lady Glasgow and party, Australia.
Miss Ruth Schmidt, Milwaukee Parks Board Botanist.
Sir S. Thomas and Lady Thomas, Singapore.
Madam Peggy de Gripenberg and Mr. and Mrs. Kingsley Graham, Finland. (Finland Trade Commissioner).
Mr. R. R. Ellen, Australian Trade Commissioner and Miss Hunter and party.

PARKS PUBLICITY

The Commission has endeavoured to secure such publicity as is justified in view of the fact that so much of the area most favoured by tourists has been blocked off for military precautionary purposes.

Miss M. Iola Plaxton, Toronto, gave a broadcast over an Ontario chain of stations, on the attractions of Niagara.

ANNUAL GRANTS

Among the annual grants made by the Commission was one of $25 for scholarships to the Niagara Falls Collegiate Institute and Vocational School, awarded in the past to two commercial class students. The Commission inquired of the educational authorities if this would not be more suitably awarded to technical students. In reply, the principal of the Niagara Falls C. I. and V. S. pointed out that the school was fortunate in having scholarships from Niagara Falls industries which covered the technical classes, whereas there were none for the commercial classes. It was further pointed out that the technical graduates would not, in the ordinary course of events, ever be likely to fill N. P. C. posts, but that those from the commercial classes were more likely to be available. The Commission decided to continue the scholarships on the previous basis.

Other yearly grants were made as customary, as follows:

Women's Wentworth Historical Society (This is for assistance in the maintenance of the Stoney Creek Memorial).	$800
Niagara Falls Illuminating Board (The N.P.C. Secretary also acts as Secretary of this Board without remuneration).	$3000
Niagara Falls General Hospital	$200

NOTES OF INTEREST

Owing to decreased revenues, no bands were engaged during the season for the Oakes Garden Theatre. For a similar reason, erection of a new workshop building was held over, as was a new greenhouse, both of which are sorely needed for efficient handling of park maintenance. The present group of workshop buildings is no credit to the park as a park; the old Greenhouses are almost falling apart, having been erected "temporarily" 37 years ago—and still kept up at high cost because of their inefficiency. Yet they are absolutely essential to proper maintenance of the parks. New workshops would cost $40,000 but would cut maintenance costs. A new Greenhouse would cost $60,000 in round figures, but there would be a saving in maintenance and an improvement in quality of production.

Several requests were received during the year for use of the Oakes Garden Theatre for denominational services. Since this would mean selective use, the Commission decided against granting such requests, but offered areas better fitted for open air services within Queen Victoria Park as a substitute.

Constable C. H. Atcherley, of the Park Police Staff, was given leave of absence for the duration of the war. He was allowed a month's pay and his superannuation will be paid for by the Commission during his absence on active service.

Commissioner A. T. Whitaker attended the annual convention of the Ontario Parks Association at Kemptville and Ottawa, and submitted a written report, which was placed on file. The convention was also attended by Superintendent of Horticulture John W. Oakes. Commissioner Whitaker also attended on behalf of the Commission the annual convention of the American Institute of Park Executives and American Park Society, at Cleveland, on which he also submitted a written report.

The historic William Lyon Mackenzie Press, which was purchased by the Commission for placement in the William Lyon Mackenzie building, reconstructed, at Queenston, was placed on display at the Canadian National Exhibition, Toronto, and created much interest. It was a feature of the celebration commemorating the 500th anniversary of the art of printing.

The action of the Commission in barring transport truck traffic on the Niagara Parkway was endorsed by the Fort Erie Town Council, which sent approval of that action through Town Clerk William C. Tait.

A ferry service was inaugurated between Fort George and Fort Niagara on Saturday, August 16.

The canopy over the outdoor dining terrace at the Park Restaurant was replaced.

Direct current being no longer available for the operation of the Incline Railway, the motors were replaced with motors using alternating current. Operation costs in the future will be lessened.

Your Commission recognizes that the work of the Commission is carried on efficiently under the watchful eye of C. Ellison Kaumeyer, Secretary to and General Manager of the Commission, ably backed by J. W. Archer, Accountant; L. L. Gisborne, Works Superintendent; N. McCartney, Field and Office Engineer; John Oakes, Superintendent of Horticulture; K. M. Broman, Superintendent of Arboriculture; and by members of their staffs, whose loyalty deserves commendation.

Complete financial statements, prepared by the Accounting staff and properly audited, follow this report, which is respectfully submitted to Your Honour by,

Hon. T. B. McQuesten, Chairman,
Dr. G. B. Snyder, Vice-Chairman,
Hon. W. L. Houck, B.S., M.L.A.,
A. J. Haines, M.L.A.,
John C. M. German, K.C.,
Ross Harstone,
A. T. Whitaker,
Donald McGillivray.

Niagara Falls, Ontario.
September 5th, 1941.

BALANCE SHEET

AS AT MARCH 31st, 1941

ASSETS

CURRENT			
Cash on Hand		$1,187.30	
Canadian Bank of Commerce, Niagara Falls, Chairman's Account	$225,051.12		
Less: Current Account	6,780.92		
Less: Payroll Account	6,376.73		
		241,893.47	
Accounts Receivable		1,096.97	
Inventories of Supplies and Souvenirs		88,316.91	
			$332,494.65
WATER RENTALS, EARNED			194,115.22
RESERVE FUND			
Sinking Fund Provision for 5½%, 15 year Debentures due 1st August, 1947:—			
Deposit with the Treasury Department of Ontario as at December 1st, 1940		$144,605.35	
Accrued Interest thereon		1,928.07	
(Deducted from Debenture Issue)		$146,533.42	
PROPERTY			
Land, Buildings and Improvements, cost	$6,221,946.61		
Less: Reserve for Depreciation	1,529,747.07		
		$4,692,199.54	
Office and Restaurant Equipment, cost	$ 157,244.83		
Less: Reserve for Depreciation	108,418.22		
		48,826.61	
Cars and Trucks, cost	$ 16,378.97		
Less: Reserve for Depreciation	15,722.77		
		656.20	
Miscellaneous Equipment and Tools, cost	$ 42,250.38		
Less: Reserve for Depreciation	24,748.68		
		17,501.70	
Tableware, Linens and Utensils, cost	$ 33,591.03		
Less: Reserve for Depreciation	25,094.20		
		8,496.83	
			4,767,680.88
DEFERRED CHARGES			
Payment made by the Commission in 1932 to the City of Niagara Falls in respect to the removal of the City Water Works from the Park properties	$50,000.00		
Less: Written off	46,666.66		
		$3,333.34	
Discount on Debentures	$87,820.00		
Less: Written off	57,566.00		
		30,254.00	
Expenses in re New Bridge Approaches		8,951.93	
Expenses in re Protection of Power Plants		2,808.04	
Inventories of Expense Items		11,146.19	
Unexpired Insurance		2,795.52	
			$59,289.02
			$5,353,579.77

LIABILITIES

CURRENT			
Accounts Payable General		$2,002.83	
Accounts Payable, in re International Railway Company, Arbitration.		285,285.91	
			$287,288.74
FUNDED DEBT			
2½% Notes, Guaranteed by the Province of Ontario, Payable 21st December, 1942, $500,000.00 each, numbered 1 to 6	$3,000,000.00		
Accrued interest thereon	20,547.94		
		$3,020,547.94	
4% Instalment Gold Debentures, Guaranteed by the Province of Ontario, Payable 1st December 1928-1947.	$2,000,000.00		
Less: Redeemed	1,116,000.00		
	$884,000.00		
Accrued interest thereon	11,786.67		
		895,786.67	
5½%, 15 year Debentures, Guaranteed by the Province of Ontario, due 1st August, 1947	$300,000.00		
Accrued interest thereon	2,750.00		
	$302,750.00		
Less: Amount of Sinking Fund	146,533.42		
		156,216.58	
			4,072,551.19
RESERVE—Public Liability			29,208.61
SURPLUS			
As at April 1st, 1940		$1,176,611.72	
Deduct: Expenses in re International Railway Company Arbitration		286,285.91	
		$890,325.81	
Add: Excess of Revenue over Expenditure for the year		74,205.42	
			964,531.23
COMMITMENTS			
(A) To purchase certain lands.			
(B) To complete certain improvements.			
(C) To pay pensions of about $115.00 per month.			
			$5,353,579.77

REVENUE AND EXPENDITURE FOR YEAR ENDED 31st MARCH, 1941

REVENUE

	YEAR ENDED	
	March 31, 1941	March 31, 1940
OPERATING REVENUE OR *LOSS* (before Depreciation)		
Table Rock House	$911.36	$42,980.27
Park Restaurant	1,103.29	6,505.17
Clifton Incline	5,219.66	4,570.36
Queenston Restaurant	**1,943.45**	**372.62**
Queenston Pavilion	1,724.52	....
Niagara Glen Restaurant	519.09	1,242.89
Brock's Monument	2,682.34	2,398.95
Whirlpool Rapids Incline Store	....	501.70
Clifton Gate Store	5,600.33	3,836.05
Fort Erie Pavilion	**285.24**	**416.70**
Fort Erie Barracks	**484.76**	**1,404.85**
Fort George Barracks	**118.94**	....
	$14,928.20	$59,841.22
Less: Salaries and Expenses of Warehouse and Table Rock House, less tunnel receipts	9,753.02	
Less: Depreciation on Equipment and Utensils	6,335.48	5,494.99

NET OPERATING *LOSS* AND REVENUE	**$1,160.30**	$54,346.23
Water Rentals	522,616.55	502,987.69
Privileges, Tolls and Fees	17,687.30	17,388.76
Cash Discount	665.26	1,384.90
Sundry Revenue	554.61	635.94
TOTAL REVENUE	$540,363.42	$576,743.52

EXPENDITURE

Maintenance and Upkeep of Parks and Grounds	$127,607.52	$163,664.70
Salaries and Expenses of Guards and Caretakers	25,354.22	24,358.59
Administration Expenses	28,083.89	27,341.53
Miscellaneous Expenses	29,951.44	37,847.30
Special Grants	11,446.84	6,778.16
Interest on Debentures, Notes, Loans, etc.	107,314.69	102,955.59
Discount on Debentures	4,583.00	4,583.00
American Currency Exchange	16,024.32	12,705.44
Written off Inventories of Souvenirs	10,000.00	....
Depreciation on Sundry Tools and Equipment	5,792.08	6,019.76
Depreciation on Buildings and Improvements	100,000.00	100,000.00
TOTAL EXPENDITURE	$466,158.00	$486,254.07
Excess of Revenue over Expenditure	74,205.42	90,489.45
	$540,363.42	$576,743.52

SCHEDULE 1

SCHEDULE OF LANDS, BUILDINGS AND IMPROVEMENTS AS AT MARCH 31st, 1941

LANDS AND IMPROVEMENTS:		
Butler's Burial Ground	$5,354.78	
Parkway North (Fort George to Niagara Falls)	983,519.71	
Queenston Heights Park	180,438.81	
Niagara Glen	44,183.91	
Lundy's Lane Burial Ground	6,744.61	
Queen Victoria Park	1,115,052.58	
Parkway South (Queen Victoria Park to Fort Erie)	1,237,332.85	
Fort Erie Park	14,618.39	
Town of Fort Erie	448,826.44	
Fort Erie to Old Fort	21,397.61	
Town of Niagara-on-the-Lake	42,501.78	
City of Niagara Falls	227,823.57	
Queenston to Niagara Falls	173,183.72	
Fort George to Queenston	66,629.11	
		$4,567,607.87
BUILDINGS:		
Queenston Souvenir Store	$4,754.94	
Queenston Creche	8,173.03	
Queenston Restaurant	35,051.46	
Queenston Pavilion	2,086.44	
Electric Cable and Transformer Line	1,174.96	
Buildings for Training School	40,959.76	
Niagara Glen Inn	35,493.22	
Administration Building	97,392.23	
Park Restaurant	318,286.95	
Table Rock House	287,025.92	
Dufferin Island Refreshment Stand	424.78	
Fort Erie Pavilion	15,602.40	
Garden Theatre	363,056.08	
Information Building	22,088.72	
Memorial Arch	36,526.89	
W. L. Mackenzie Building and Addition	33,327.34	
Fort George, Niagara-on-the-Lake	254,854.36	
Fort Erie and Park	96,856.22	
I.R.C. Power House Building	595.00	
Sundries	608.04	
		1,654,338.74
TOTAL		$6,221,946.61

SCHEDULE 2

CONDENSED STATEMENT OF OPERATIONS OF CONCESSIONS FOR YEAR ENDED 31st MARCH, 1941

	Receipts Sales	Cost of Sales	GROSS PROFIT Amount	GROSS PROFIT % of Cost
Souvenirs	$26,565.40	$13,053.13	$13,512.27	103.54
China	8,513.61	5,218.47	3,295.14	63.15
Linen and Woollens	7,245.52	4,657.24	2,588.28	55.58
Confectionery	5,431.62	4,197.34	1,234.28	29.41
Tobacco	3,993.74	3,471.12	522.62	15.06
	$51,749.89	$30,597.30	$21,152.59	....
Meals and Refreshments	56,734.22	36,734.54	19,999.68	54.45
Tolls and Admissions	9,850.19	....	9,850.19	......
	$118,334.30	$67,331.84	$51,002.46	
Add: Gain on American small money			1,312.18	
			$52,314.64	
Salaries and Wages		$24,917.14		
Expenses		12,469.30		
		$37,386.44		
Salaries and Expenses of Warehouse and Table Rock House, less tunnel receipts, $834.30		9,753.02		
Depreciation on Equipment and Utensils		6,335.48		
			53,474.94	
Net Operating *LOSS*				$1,160.30

OPERATING ACCOUNTS FOR YEAR ENDED 31st MARCH, 1941

	Receipts Sales	Cost of Sales	GROSS PROFIT Amount	GROSS PROFIT % of Cost
Queenston Restaurant:				
Dining Room	$8,675.56	....	....	....
Miscellaneous Sales	460.16	....	....	....
	$9,135.72	$6,419.29	$2,716.43	42.32
Add: Gain on American small money			8.00	
			$2,724.43	
Salaries and Wages		$2,279.44		
Expenses		2,388.44		
			4,667.88	
Operating *LOSS* (before Depreciation)				*$1,943.45*

	Receipts Sales	Cost of Sales	GROSS PROFIT Amount	GROSS PROFIT % of Cost
Queenston Pavilion:				
Refreshments	$4,097.92	$2,202.81	$1,895.11	86.00
Souvenirs	326.22	190.87	135.35	70.90
Confectionery	578.55	410.32	168.23	41.00
Tobacco	304.45	243.57	60.88	25.00
	$5,307.14	$3,047.57	$2,259.57	
Add: Gain on American small money			22.52	
			$2,282.09	
Salaries and Wages		$466.15		
Expenses		91.42		
			557.57	
Operating Profit (before Depreciation)				$1,724.52

	Receipts Sales	Cost of Sales	GROSS PROFIT Amount	GROSS PROFIT % of Cost
NIAGARA GLEN RESTAURANT:				
Dining Room	$2,131.88	$1,650.06	$481.82	$29.20
Souvenirs	876.92	374.75	502.17	134.00
China	1,041.92	570.88	471.04	82.51
Linens and Woollens	662.75	385.32	277.43	72.00
Confectionery	722.13	512.15	209.98	41.00
Tobacco	489.65	391.72	97.93	25.00
	$5,925.25	$3,884.88	$2,040.37	
Add: Gain on American small money			57.56	
			2,097.93	
Salaries and Wages		$1,006.98		
Expenses		571.86		
			1,578.84	
Operating Profit (before Depreciation)				$519.09

	Receipts Sales	Cost of Sales	GROSS PROFIT Amount	GROSS PROFIT % of Cost
PARK RESTAURANT:				
Dining Room	$29,346.79	....	....	......
Lunch Room	10,240.27	....	....	......
	$39,587.06	$25,845.11	$13,741.95	53.16
Souvenirs	6,564.11	3,125.31	3,438.80	110.04
China	3,309.66	2,000.85	1,308.81	65.41
Linens and Woollens	4,723.25	3,111.45	1,611.80	51.81
Confectionery	2,109.79	1,711.74	398.05	23.25
Tobacco	1,679.31	1,499.06	180.25	12.02
	$57,973.18	$37,293.52	$20,679.66	
Add: Gain on American small money			265.89	
			$20,945.55	
Salaries and Wages		$12,691.58		
Expenses		7,150.68		
			19,842.26	
Operating Profit (before Depreciation)				$1,103.29

	Receipts Sales	Cost of Sales	GROSS PROFIT Amount	GROSS PROFIT % of Cost
CLIFTON INCLINE:				
Railway	$3,473.50	....	$3,473.50	......
Refreshments	1,536.15	$765.25	770.90	100.73
Souvenirs	3,346.35	1,632.03	1,714.32	105.04
Confectionery	252.20	178.86	73.34	41.00
Tobacco	246.50	197.20	49.30	25.00
	$8,854.70	$2,773.34	$6,081.36	
Add: Gain on American small money			284.13	
			$6,365.49	
Salaries and Wages		$847.08		
Expenses		298.75		
			1,145.83	
Operating Profit (before Depreciation)				$5,219.66

	Receipts Sales	Cost of Sales	GROSS PROFIT Amount	GROSS PROFIT % of Cost
BROCK'S MONUMENT:				
Gross Receipts from Tolls	......	......	$3,159.29	......
Salaries and other expenses	......	......	476.95	......
Operating Profit				$2,682.34

	Receipts Sales	Cost of Sales	GROSS PROFIT Amount	GROSS PROFIT % of Cost
CLIFTON GATE HOUSE:				
Souvenirs	$13,320.82	$6,115.28	$7,205.54	117.83
China	4,056.20	2,396.28	1,659.92	69.28
Linen and Woollens	1,768.88	1,105.67	663.21	59.96
Confectionery	1,361.85	1,038.41	323.44	31.16
Tobacco	835.58	681.20	154.38	22.66
	$21,343.33	$11,336.84	$10,006.49	
Add: Gain on American small money			609.44	
			$10,615.93	
Salaries and Wages		$4,376.18		
Expenses		639.42		
			5,015.60	
Operating Profit (before Depreciation)				$5,600.33

SCHEDULE 3

REVENUE FROM WATER RENTALS FOR YEAR ENDED 31st MARCH, 1941

	YEAR ENDED March 31 1941	YEAR ENDED March 31 1940
From Canadian Niagara Power Company:		
Fixed	$15,000.00	$15,000.00
Additional	52,413.32	52,447.50
	$67,413.32	$67,447.50
From Ontario Power Company:		
Fixed	$30,000.00	$30,000.00
Additional	87,170.38	82,677.97
	$117,170.38	$112,677.97
From Electrical Development Company:		
Fixed	$15,000.00	$15,000.00
Additional	58,106.30	60,854.67
	$73,106.30	$75,854.67
From Hydro-Electric Power Commission	$264,926.55	$247,007.55
	$522,616.55	$502,987.69

SCHEDULE 4

REVENUE FROM PRIVILEGES, TOLLS AND FEES FOR YEAR ENDED 31st MARCH, 1941

	YEAR ENDED March 31 1941	YEAR ENDED March 31 1940
From Niagara Spanish Aero Car Company	$3,500.00	$3,500.00
From Maid-of-the-Mist Steamboat Company	2,500.00	2,500.00
Fees from Lundy's Lane Burial Ground	275.00	243.00
Tower Optical Company—Binoculars	29.45	2,328.40
Niagara Concessions, Limited—Rent	1,000.00	1,000.00
Hy-Power Viewing Machines	5,273.45	980.15
	$12,577.90	$10,551.55

From Bus Companies:		
Van Dyke, Sight-seeing	$328.49	$542.69
Gray Coach Lines, Limited	1,820.92	2,012.61
Canadian Coach Lines, Limited	2,728.14	3,777.52
Sundry	231.85	504.39
	$5,109.40	$6,837.21
TOTAL	$17,687.30	$17,388.76

SCHEDULE 5

MAINTENANCE AND UPKEEP OF PARKS, PARKWAYS AND GROUNDS FOR YEAR ENDED 31st MARCH, 1941

	YEAR ENDED	
	March 31 1941	March 31 1940
Butler's Burial Ground	$141.47	$503.70
Town of Niagara-on-the-Lake	1,472.54	1,535.82
Queenston Heights Park	5,314.95	9,343.99
Queenston to Niagara Falls	25,299.94	37,232.64
Niagara Glen	3,824.35	4,190.14
City of Niagara Falls	14,481.75	19,121.33
Lundy's Lane Burial Grounds	1,808.47	1,619.97
Queen Victoria Park	51,934.82	64,888.90
Queen Victoria Park to Fort Erie	13,102.97	14,785.22
Town of Fort Erie	1,337.42	813.50
Fort Erie Park	2,936.13	4,373.43
Fort George to Queenston	5,952.71	5,256.06
TOTAL	$127,607.52	$163,664.70

SCHEDULE 6

SALARIES AND EXPENSES OF GUARDS AND CARETAKERS FOR YEAR ENDED 31st MARCH, 1941

	YEAR ENDED	
	March 31 1941	March 31 1940
Butler's Burial Ground	$25.60	$89.60
Fort George to Queenston	889.07	910.49
Queenston Heights Park	4,452.41	2,323.15
Niagara Glen	1,289.64	1,035.20
Queenston to Niagara Falls	2,039.07	1,883.02
Lundy's Lane Burial Grounds	1,403.76	1,379.33
Queen Victoria Park	9,597.43	11,328.40
Queen Victoria Park to Fort Erie	2,378.16	2,791.00
Fort Erie Park	....	22.40
City of Niagara Falls	3,279.08	2,596.00
TOTAL	$25,354.22	$24,358.59

SCHEDULE 7

ADMINISTRATION EXPENSES FOR YEAR ENDED 31st MARCH, 1941

	YEAR ENDED	
	March 31 1941	March 31 1940
Executive and Office Salaries	$20,893.67	$19,969.01
Office Supplies	2,428.96	1,298.80
Office Expenses	2,818.33	2,505.89
Travelling Expenses	433.09	1,473.98
Commissioners' Expenses	1,509.84	2,093.85
TOTAL	$28,083.89	$27,341.53

SCHEDULE 8

MISCELLANEOUS EXPENSES FOR YEAR ENDED 31st MARCH, 1941

	YEAR ENDED March 31 1941	 March 31 1940
Insurance	$4,805.21	$3,700.31
Advertising	11,661.03	16,484.67
Pensions	1,380.00	1,126.70
Professional Services	463.60	1,191.30
Exchange on Bond Coupons and Bonds	93.66	117.87
Contribution to Superannuation Fund	2,181.95	2,347.92
Royal Visit	....	7,484.28
Opening of Fort at Fort Erie	....	3,491.36
Major Accidents	42.32	1,902.89
Compensation and Medical Fees	633.23	....
Leases and Taxes	1,072.84	....
Car Mileage	4,113.85	....
Sundry Maintenance	1,543.24	....
Library, Books, etc.	24.41	....
Telephone Account	1,936.10	....
TOTAL	$29,951.44	$37,847.30

SCHEDULE 9

GRANTS AND SPECIAL CHARGES FOR YEAR ENDED 31st MARCH, 1941

	YEAR ENDED March 31 1941	 March 31 1940
Stoney Creek Battleground—Grant	$800.00	$800.00
Board of Illumination	4,921.84	703.16
City of Niagara Falls, re Water Works, portion written off	5,000.00	5,000.00
Niagara Falls, Vocational School	25.00	25.00
Niagara Falls, Chamber of Commerce	300.00	250.00
Niagara Falls, General Hospital	200.00	....
Training School Student	200.00	....
TOTAL	$11,446.84	$6,778.16

SCHEDULE 10

CAPITAL EXPENDITURE FOR YEAR ENDED 31st MARCH, 1941

Town of Niagara-on-the-Lake:		
Fort George	$39,785.65	
		$39,785.65
Fort George to Queenston:		
Lands (Larkin Property)	10,000.00	
Wm. Lyon MacKenzie Building	6,845.57	
		16,845.57
Queenston Heights Park:		
Restaurant and Pavilion	46,181.92	
		46,181.92
Queenston to Niagara Falls:		
Arboretum	4,988.14	
Lands (I.R.C. property)	8,000.00	
		12,988.14
Niagara Glen:		
Parapet Wall	976.00	
		976.00
City of Niagara Falls:		
Memorial Arch	45.00	
		45.00
Queen Victoria Park:		
Sundry	400.00	
		400.00

Town of Fort Erie:		
Mather Park	23,651.64	
		23,651.64
Fort Erie Park:		
Fort Erie	694.67	
		694.67
TOTAL		$141,568.59

SCHEDULE 11

STATEMENT OF APPLICATION OF FUNDS, CURRENT BALANCE SHEET ITEMS AND GROSS PROFITS

FOR YEAR ENDED 31st MARCH, 1941

FUNDS PROVIDED

Current Assets as at April 1st, 1940	$272,729.75
Issue of 2½% Notes, Payable 1st December, 1942	3,000,000.00
In re New Bridge Approaches	3,014.58
Gross Profits for the year	196,403.53
	$3,472,147.86

FUNDS EXPENDED

Redemption of 2% Notes, Payable 1st December, 1940	$2,500,000.00
Additions to Lands, Buildings and Improvements	141,568.59
Additions to Office, Restaurant and other equipment	31,672.42
Reduction of Debenture Indebtedness	128,239.36
In re International Railway Company Arbitration	286,285.91
Paid for protection of Power Plants	122.78
Discharged Current Liabilities as at April 1st, 1940	166,080.57
Current Assets as at March 31st, 1941	540,351.58
	$3,794,521.21
Less: Current Liabilities as at March 31st, 1941	322,373.35
	$3,472,147.86

CURRENT BALANCE SHEET ITEMS

	YEAR ENDED	
ASSETS	March 31 1941	March 31 1940
Cash on Hand	$1,187.30	$1,696.50
Canadian Bank of Commerce	241,893.47	14,930.29
Accounts Receivable—General	1,096.97	1,762.69
Accounts Receivable—Water Rentals	194,115.22	148,942.07
Inventories of Supplies and Souvenirs	88,316.91	87,014.49
Inventories of Expense Items	11,146.19	15,609.09
Unexpired Insurance	2,795.52	2,774.52
	$540,551.38	$272,729.75

LIABILITIES

Accounts Payable	$287,288.74	$136,405.27
Accrued Interest on Notes and Debentures	35,084.61	29,675.30
	$322,373.35	$166,080.57

GROSS PROFITS

Provision for Depreciation on Lands, Buildings and Improvements	$100,000.00
Provision for Depreciation and Wastage on Office, Restaurant and other equipment	12,615.11
Written off a payment of $50,000.00 made to the City of Niagara Falls in 1932 for removal of Water Works ($3,333.34 still to be written off)	5,000.00
Written off Discount on Debentures	4,583.00
Net Profit—added to Surplus	74,205.42
	$196,403.53

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Ontario Research Foundation

REPORT

For the Year 1941

Presented by the Chairman
to the Lieutenant-Governor in Council
December, 1941

* * *

PRINTED BY ORDER OF
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ONTARIO

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1942

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April 15th, 1942.

THE HONOURABLE MITCHELL F. HEPBURN, M.P.P.,
Prime Minister of Ontario,
Parliament Buildings, Toronto.

DEAR SIR:

Owing to the absence of the Chairman of this Foundation on important duties associated with the war, it is again my privilege to place before you our Annual Report.

The financial statement and the report of the Director reflect the increased demands for services by War Service Departments and industry. It is especially gratifying to record the marked increase in the number of manufacturing concerns in the Province for whom this Foundation is performing useful service during these critical days.

I commend this Report to the attention of Members of the Government and of the Legislature.

I have the honour to be,

Your obedient servant,

E. G. BAKER,

Vice-Chairman.

REPORT OF THE DIRECTOR OF RESEARCH, 1941

To Edwin G. Baker, Esq.,
Vice-Chairman

Dear Sir:

During the past year the work of the Foundation has become increasingly concerned with problems associated directly or indirectly with the war. As more and more of the industrial machinery of the country becomes involved in war production, so the requests for assistance in this field increase. In addition war-time restrictions on supplies of all kinds create problems in the field of civilian production which are becoming increasingly numerous. Because of the nature of this work it will be impossible for me to refer in detail to much of what has transpired during the year. During 1940 the staff was busily engaged in organizing and conducting work in laboratories operated on behalf of the Inspector General. This year the volume of this work has been sharply reduced owing to the creation of centralized inspection laboratories. This relief has made it possible for us to undertake the increased volume of testing and investigation referred to us by industrial companies. As the year ends all the experienced workers on the staff are fully occupied, and we are faced with a serious problem in securing and training for effective service young graduates and technicians.

Problems associated with personnel have been considerably reduced by the understanding and co-operative attitude shown by the local Registrar for Military Service. All members of the staff, irrespective of their duties, who have expressed a desire to join one of the Services have been released. In view of the rapidly changing and fluctuating character of the work it is our view that a reserve of trained personnel should be available. So far we have not been able to maintain this reserve, but by replacing men with women wherever possible the essential work has been carried out without delay.

The full effects of the change in the war brought about by the entry of the United States and Japan have not been felt by this continent. There is every reason to believe that our resources in space and man power will be fully utilized in the coming year.

The experiences of the past year illustrate the quick and effective results which follow from full co-operation between men with long experience in industry and a scientific group which is actively engaged in research based on the processes and materials of the industry. In Canada we have gone some distance along the road in creating research laboratories, but speaking generally we have not made sufficient progress in duplicating the relationship with industry which was prevalent in Germany even before the last war. During the intervening years the gradual growth of and confidence in the Research Associations of various industrial groups in Great Britain have pointed the way of possible development in Canada. We suggest that the problems of the post-war period will present another opportunity for economical and effective work along these lines. In the meantime renewed efforts should be made to develop in various branches of industry groups of manufacturers who will combine together in supporting research and pooling technical and scientific experience.

BIOCHEMISTRY

The leather laboratory has been used to varying extents by the Departments of National Defence and the Inspector General. Work associated with Service Specifications continues in collaboration with the National Research Council. In this connection we have confirmed previous observers in their findings that vegetable tanned leathers which have a high acidity in the finished state deteriorate more rapidly than similar leathers in which the acidity has been kept within certain limits. The deterioration is indicated by a more rapid loss in tensile strength and an increase in the content of soluble nitrogen.

Preliminary tests have been made of a modified abrasion testing machine for leather. In many countries attempts have been made to develop a suitable machine and to establish a sound correlation between resistance to abrasion and behaviour under conditions of normal wear. We are endeavouring to secure greater uniformity in the abrasive used and thus obtain consistent and reproducible results.

The production of organic acids from sugar by chemical and microbiological methods has continued throughout the year. Methods for producing crude and refined lactic acid are now in use on a commercial scale in Toronto.

Owing to the marked increase in the use of foodstuffs, including bread, containing known quantities of B_1 and other vitamins, the staff has devoted a great deal of time to a careful comparison of chemical and microbiological methods for determining the B_1 content. For some considerable time the methods described in the literature did not give results which agreed, and the results obtained by different laboratories varied for the same material. In the face of the regulations controlling foodstuffs and the necessity for accuracy in the claims made by millers and bakers, it is obviously necessary to remove as far as possible these variables. Similar studies have continued in connection with the assay of riboflavin and nicotinic acid.

AGRICULTURE

In the pathological laboratory emphasis has been placed on an investigation of small experimental animals infected with *Ascaris lumbricoides*. This worm is one of the most common of the hog parasites, and frequently adds complications to respiratory diseases of pigs. The principal object of the research has been to produce and to analyze the nature of immunity to infection by the parasite. Partial immunity has been accomplished.

Soon after the establishment of this Foundation we commenced to collect, in the field and from the observations of other investigators, the essential facts regarding the climate and main soil types of southern Ontario. During the past ten years field work has continued in the summer and autumn months, and the background of the main problem is now completed. There remains the task of revising certain aspects and then preparing maps and tables in such form as to make them available to teachers and agriculturists. At some later date I hope to discuss more fully the significance of this work, particularly in relation to plans for agricultural settlement in Ontario.

In co-operation with the Federal Department of Entomology a rapid survey was made of southern Ontario to determine if possible the location and extent of nematode infection in oats. The original area of infestation around Schomberg is still clearly visible during the early growing season, and a new and smaller locus of infection was observed in the Bowmanville district.

Observations have been made on the influences of the 1941 season on the size and quality of the major crops of the Province.

In several areas of the Province an analysis has been made of the change in farm values during the past 50 years. The areas selected represent six of the main land types of the Province. The data has been compiled from the transfers of properties recorded in the Registry Offices of Toronto, Newmarket, Barrie, Brampton, Whitby, Bowmanville, Port Hope, Lindsay and Peterborough.

TEXTILES

In this Department it has been possible to maintain a reasonable balance between testing, short-term problems and more fundamental research. Owing to the full accounts given in previous reports of the first two, I shall not refer to them in any detail. The technical problems involved are normal, although the materials submitted become increasingly concerned with war production.

The research possibilities in these laboratories are clearly demonstrated by a piece of work undertaken during the year. Owing to the limited supply of natural silk and its use in essential services, the amount available for civilian consumption was reduced practically to zero. The manufacturers of high-grade stockings endeavoured at once to substitute various types of synthetic fibre. Certain of these fibres, unlike natural silk, cannot be given a high degree of twist in their natural state without serious troubles developing in the knitting operation. Consequently a demand arose for some treatment which would overcome this serious drawback. The ideal treatment seemed to be a process which would add something to the yarn which would assist in retaining the twist until the stocking was completed, and which could be removed readily and completely before the dyeing and finishing commenced. Another prerequisite was to avoid as far as possible the necessity for adding new equipment to the mills.

In the spring this problem was undertaken in collaboration with Dominion Silk Mills Ltd. During the month of August plant experiments were being conducted with very encouraging results, and towards the end of the year the numerous small difficulties had been overcome. At the present time the process is running smoothly.

Shortly before the war commenced, laboratory and plant trials had been completed of an oil largely composed of mineral oil and intended to replace the more expensive vegetable oils used in the processing of wool. As months have gone by the need for such an oil has increased over this continent due to limited importations and high costs. Unfortunately this condition has also reduced the supply of raw material for the additional compounds developed here, and during the year partially successful attempts have been made to produce new products from raw materials which are and will be available in Canada.

CHEMISTRY

During the year the organic and metallurgical analytical laboratories continued to operate on behalf of the Inspector General. The falling off in the volume of this work during the year has, to some extent, been replaced by increased demands for services of the same character from other departments and from industrial firms.

The most gratifying feature of the year's work has been the marked increase in the number of problems submitted by outside firms. These have been brought to a practical and successful conclusion. Towards the end of the year the shortages of many raw materials tended to curtail the development of new products, but the same situation creates problems of substitution which are often of vital importance. The wide experience of the group as a whole in many fields of technology is a great asset.

A serious problem based on defects in dinnerware, produced in a local pottery, was referred to the staff. The faults observed were associated with the change over from natural gas to city gas. The precise cause of the failures was determined and successfully overcome. Owing to the fact that there have been many previous attempts to analyze and solve the problem, a full report of the work will shortly be published through the courtesy of the Company for which the work was performed.

The Gas Laboratory has spent several months in a study of steaming of horizontal retorts at one of the plants of the Consumers' Gas Company. Numerous minor problems have been submitted by the various Departments of the Company.

METALLURGY

The following services are available to Departments of Government and manufacturers and have been utilized increasingly during the year: gauge-testing, heat-treatment, physical testing and metallography. The gauge laboratory has been enlarged and additional staff trained to handle the largely increased number of gauges required by the staff of the Inspector General. A well-equipped machine shop has been provided by the Department of Munitions and Supply to enable gauges which are slightly outside the specification in dimensions to be corrected and placed into service with minimum delay. The heat-treatment laboratory has been used by a number of manufacturers of small, important components of guns and other munitions. The physical-testing laboratory continues to serve both the Service Departments and manufacturers. The fact that 1941 shows an increase of 300 per cent. over 1940 is evidence of the contribution being made by this laboratory.

The long-term research programme of this Department has, to a large extent, been halted for the time being. The senior members of the staff are fully employed in conducting and supervising investigations directly associated with war production.

All of which is respectfully submitted.

Faithfully yours,

H. B. SPEAKMAN,
Director.

Appendix A

ADVISORY COUNCIL

Chairman: E. Holt Gurney, Esq.

Vice-Chairman: Edwin G. Baker, Esq.

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Humfrey Michell, Esq., M.A	Professor of Political Economy, McMaster University, Hamilton, Ontario.
Paul J. Myler, Esq	Chairman of the Board, Canadian Westinghouse Co. Ltd., Hamilton, Ont.

Appendix B

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Appendix C

ONTARIO RESEARCH FOUNDATION
BALANCE SHEET

As at December 31, 1941

ASSETS

Current Assets:		
Cash in Banks and on Hand	$ 35,177.32	
Accounts Receivable less Reserve	15,607.72	
Stores and Containers	11,437.68	
		$ 62,222.72
Investments:		
Bonds of The Dominion of Canada and other Bonds at book value, which is less than market value	3,239,293.95	
Accrued Interest thereon to December 31, 1941	40,254.14	
Preferred and Common Stocks valued at the market of December 31, 1941	222,229.50	
Cash awaiting investment	62,706.45	
		3,564,484.04
Fixed Assets		
(*Portion owned by Ontario Research Foundation*):		
Property, Equipment, Furniture, Fixtures and Library		130,250.01
Sundry Assets:		
Prepayments and Sundry Assets		1,984.29
		$3,758,941.06

Signed on behalf of Ontario Research Foundation:

Alfred B. Ward,
Secretary-Treasurer.

LIABILITIES, RESERVES AND CAPITAL

Current Liabilities:		
Accounts Payable	$ 1,053.93	
National Defence Tax Payable	1,127.19	
Staff War Savings Subscriptions Payable	259.00	
		$ 2,440.12
Replacement Reserves:		
For Structures, Equipment, Furniture and Library:		
Owned and used by Ontario Research Foundation	$94,786.92	
Used by Ontario Research Foundation	46,016.89	
		140,803.81
Capital Funds		3,613,180.21
Surplus Account		2,516.92
		$3,758,941.06

I have audited the books and accounts of Ontario Research Foundation for the year ended December 31, 1941, and have verified the Bonds, Stocks and Bank and Cash Balances, and have found them to be in accord with the figures contained in the above Balance Sheet. I have received all the information and explanations I have required and I certify that, in my opinion, the above Balance Sheet gives a true and correct view of the affairs of Ontario Research Foundation at December 31, 1941.

All my requirements as Auditor have been complied with.

Elliott Allen, F.C.A.
of Allen, Miles & Fox,

Chartered Accountants.

Toronto, Canada, February 3, 1942.

ONTARIO RESEARCH FOUNDATION

INCOME AND EXPENDITURE ACCOUNT

YEAR ENDED DECEMBER 31, 1941

EXPENDITURE

Salaries including Cost of Living Bonuses	$187,788.36	
Laboratory Expenses and Supplies	25,112.44	
Travelling Expenses	5,409.58	
General Expenses	29,326.00	
Depreciation on Assets owned and on Assets used by Ontario Research Foundation	13,862.03	
Transferred to Reserve for Doubtful Accounts	45.10	
		$261,543.51
Transferred to Surplus Account		2,453.12
		$263,996.63

SURPLUS ACCOUNT

YEAR ENDED DECEMBER 31, 1941

December 31, 1941—To Balance	$ 2,516.92
	$ 2,516.92

INCOME

Fees for Professional Services		$131,891.03
Income from Investments	$167,857.08	
Less Amount reserved for income stabilization	42,000.00	
		125,857.08
Royalties Received		578.86
United States Premiums Received		5,669.66
		$263,996.63

January 1, 1941	By Balance	$ 63.80
December 31, 1941	By Surplus transferred from Income and Expenditure Account	2,453.12
		$ 2,516.92

Annual Report

UPON THE

Ontario Training Schools

FOR THE YEAR ENDING 31st MARCH
1942

PRINTED BY ORDER OF

THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 51, 1942

ONTARIO

TORONTO:
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1942

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TO THE HONOURABLE ALBERT MATTHEWS,
Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to present the Annual Report upon the Ontario Training Schools for the year ending 31st March, 1942.

Respectfully submitted,

H. C. NIXON,
Minister.

HONOURABLE HARRY CORWIN NIXON,

Provincial Secretary.

SIR:

Herewith the statistics, reports of the Training Schools, and the Training Schools Advisory Board for the year ended March 31st, 1942, are submitted for your consideration.

The training of children is always profoundly important and interesting to serious minded citizens. The proper training of problem children, though often extremely difficult, is just as important as training normal children, and even more interesting because it requires unusual resourcefulness, skill and experience. That fact has been more fully demonstrated during the year under review than ever before in the history of the Training Schools of Ontario. They have really felt the impact of war conditions as revealed in the interesting reports of the Advisory Board and the Superintendents in the following ways:—

1. The absence of fathers in the Armed Services has left boys and girls without proper direction, discipline and supervision, and has directly resulted in increased juvenile delinquency.

2. Fathers and mothers at essential work which took them to an unusual degree from home, left boys and girls without control, and has resulted in increased juvenile delinquency.

3. The excitement and opportunities of war conditions have resulted in increased temptations for young girls with disastrous results for some of them.

4. The great majority of boys and girls of high school age have buckled down in the most patriotic manner to do work essential in our effort to win the war. But for some, plenteous work and regular wages have given them freedom from home control before they were equipped to realize that freedom is not license.

5 Many of the older boys who were wards of the Training Schools have joined the Active War Services and are manfully doing their part. In a few cases where the boys were too young, they were returned to civilian life. In all other cases, wardship of the Training School was immediately terminated and thus for these boys there is no "Follow up" and they are "All clear".

6. It has been easier to place our boys and girls in employment on parole where they are quickly self-supporting.

7. At the same time it has been more difficult to find suitable foster homes, as families under present conditions do not need the foster maintenance paid by the School.

For the past fifteen years the Boys' Training School at Bowmanville has been known as one of the best on this continent. In September 1941 its splendid buildings set in lovely landscaped grounds, its large farm and orchards, and much of its equipment, in fact the whole property was requisitioned by the Federal authorities for war purposes. It appeared to be a real war tragedy and the death knell to the hopes of many socially minded citizens and officials for the readjustment and rehabilitation of problem boys.

Adequate buildings for continuing the training of boys on anything near the previous scale, could not be found, but officials responsible for the School were determined that its work would be continued. Possession was taken of property in the Town of Bowmanville with grounds sufficient for recreational purposes, and space for temporary buildings if found necessary. The accommodation quickly available was enough for twenty boys and necessary resident staff. The decision to continue at Bowmanville avoided uprooting our staff who resided in their own homes. Most of the boys in the School were placed in foster homes or returned to their own homes under supervision. The placement and supervising staff was increased by using experienced staff members for this purpose. Later possession was taken of another large home nearby with ample grounds. Thus instead of having 175 to 200 boys in the School and 400 out on parole, we have had 15 to 25 in the School with 600 on parole. In other words the School is a clearing house and disciplinary centre. It has not been found necessary yet to incur the rather heavy expense of erecting other buildings.

The present arrangement is a very interesting experiment. It is too early to forecast permanent results, but so far it has worked reasonably well. It is expected that the experiment will continue for the duration of the war.

There was one event of outstanding importance during the year. For long years past there was consistently manifold evidence of the thorough character-building training given by St. Mary's Training School in Toronto. However, some years ago the authorities of that School concluded that even better training could be given in a new building in the open country. In designing and constructing the new School, they again demonstrated the same thorough care, attention to detail and sound thought which is evident in all their work. The building in the open country near Dufferin Street was completed in the summer of 1941, and the girls and the work of the School transferred there. It was the gratifying culmination of years of hoping and planning. The congratulations and commendation of all good citizens are due The Sisters of the Good Shepherd for the noble enterprise.

There is a type of boy, fifteen years of age, who physically has the stature of a man, who believes he is a man and morally is rather thoroughly saturated in crime. Our training schools are not equipped to cope with such a boy, he has a serious contaminating influence on the other boys and cannot be re-adjusted in a training school. Three such boys, partners in a series of crimes, were together committed to St. John's Training School. They were in type, and even in age, the same as many youths in the Reformatory. Therefore the Ontario Reformatory, Guelph, was also made a Training School, and the three youths were transferred there. During the year similar action was taken with one boy of the Bowmanville School.

It is a privilege for which I am grateful to work with the staffs of these Training Schools. They are men and women of high character, of fine judgment, earnest and mostly experienced in such work, and thus the results of their work are evident.

I wish to take this opportunity of expressing our appreciation of the great assistance given by members of the Advisory Board, officials of Children's Aid Societies, Big Brothers and Big Sisters, and many other social service organizations and individuals, and solicit their continued valuable co-operation and generous understanding of our difficult problems under war conditions.

C. F. Neelands,

Deputy Provincial Secretary.

REPORT OF
TRAINING SCHOOLS ADVISORY BOARD

To The Honourable H. C. Nixon,

Provincial Secretary.

Sir:—

We have the honour to present the eleventh annual report of the Training Schools Advisory Board for the year ending March 31st, 1942.

At the 51 meetings held during the year, 4,271 cases were considered. Every four months we review the record of each boy and girl residing in the Schools, or on parole under their supervision, and when any special attention is required, the cases come up for consideration more frequently.

The Training Schools of the Province are not penal institutions and should be looked upon as training, re-adjusting and educational in their function.

Upon entering a Training School each pupil is given a thorough physical examination, including tests for diphtheria, scarlet fever, and vaccination against smallpox. A tuberculin test is also given, and if this is positive it is followed by periodical X-ray examinations of the chest. Mental examinations are given in each case, and these prove of great value in determining specific requirements in the training and education of the individual pupil.

The Board appreciates the reports received from the Ontario Department of Education as a result of inspections made by Public and Separate School Inspectors, which show that academic and vocational work carried on in the Training Schools is in keeping with the standards and requirements of the Department.

In the great majority of cases the delinquency resulting in commitment of boys and girls to the Training Schools has been traced to home conditions,—lack of training in the home and negligence of the parents. Therefore the great need is for improved home conditions and parent education.

Efforts are made to return the younger children to their own homes, or suitable foster homes as soon as possible. We note only seven percent. of those in the Training Schools at present are under the age of twelve. The number of boys and girls placed in boarding homes was 233, which is 29% of all placements for the year. In respect to older boys and girls whose homes are considered unsuitable, when ready for parole they are placed in work positions and encouraged to become self-supporting. Constant supervision is given in all such cases by the Placement Officers, and in order to secure a good adjustment in the community it is frequently necessary to try more than one placement.

Wardship was terminated over paroled wards of the Schools in 414 cases, for the following reasons:—

(1) Enlistment in the Navy, Army or Air Force.
(2) Marriage.
(3) Satisfactory adjustment in the community.

The Advisory Board went on record as having sent a memorandum to the Department regretting the necessity of closing the Ontario Training School for

Boys, Bowmanville, which was taken over by the Dominion Government last Fall for military purposes. We feel that delinquent boys, especially from eleven to fifteen years of age, do require a period in a training school for proper training and re-adjustment. The temporary building taken over by the Ontario Government can only act as a receiving and clearing house until boys are placed with private families. We have seen that placing of some of these so quickly in foster homes does not always solve the difficulty, and they have to be replaced. The Board realizes that it is an experiment which in a reasonable number of cases is proving satisfactory. Owing to this change, the number of placement officers has been increased to make more frequent visits.

Many of the School wards are now working in munition plants and earning high wages, a portion of which they are instructed to save. Care is taken also to see that all boys and girls placed at work receive adequate wages.

There are two recommendations which this Board has made to the Department in former years, and which we wish to emphasize again:—

(1) The great need for a separate institution for mentally defective delinquents. 18% of the new children received during the past year were defective mentally and are not fit subjects for our Training Schools.

(2) That the Department of Indian Affairs at Ottawa should have their own training school to receive delinquent Indian children. From experience we feel that we have not helped greatly in their adjustment.

The Board members visited the Girls' School at Galt on June 4th, 1941, and were favourably impressed with conditions, with the exception of some overcrowding. They visited this School again on December 3rd, 1941, following which suggestions were made to the Department for better accommodations for the staff, and that the salaries of the teachers on the staff at that institution be adjusted.

Mr. Chas. D. Gordon visited St. Joseph's School at Alfred in July, 1941.

The Board is highly delighted with the location, equipment and general appointments of the new St. Mary's Training School which was opened in September, 1941. The very extensive grounds give excellent opportunities for outdoor life for the girls.

The Board commends the Department at Ottawa for their choice of Mrs. West, who on March 1st, 1942, was appointed Director of Women's Voluntary Services, and wishes to express regret at her absence from our meetings. We also sincerely regret the resignation in February, 1942, of Mr. W. T. Kernahan, who has given his services to this Board since it was first formed in 1931. We welcome Dr. J. M. Bennett who was appointed to replace Mr. Kernahan.

GEORGE W. HAMBLY, *Chairman,*
NELL WEST,
E. P. LEWIS, M.B.,
CHARLES D. GORDON.
JOHN M. BENNETT, M.A., PH.D.

REPORT OF THE ONTARIO TRAINING SCHOOL FOR GIRLS, GALT, ONTARIO

April 1, 1941 to March 31, 1942

A Training School to provide mental, moral, physical and vocational education, training and employment is our aim and purpose for the girls who come under our care at the Ontario Training School for Girls at Galt, Ontario.

We have girls of different ages and backgrounds; girls with varying mental capacities; girls who are against everything and everyone; bitter girls; girls who have stolen; girls who have always run away from proper guidance, both physically and mentally. We bring these numerous types together in our school in an attempt to fit them to make their way in life, so you can see our task is not an easy one. We have the girls who have not been able to adjust themselves to Society. We have to guide them to an understanding of their mistakes; to help them to develop sufficient insight into their problem so that later on they can manage their own lives successfully. It is amazing to see how some of our girls respond. With others the progress is slower. With some we apparently accomplish little, but in later years these are often the ones who seem to adjust themselves and succeed in life. No girl could be a member of our School and not gain some respect for the kindlier, finer things in life. With each girl we sincerely try to do our best.

Our school is not run on the punishment basis, nor is the atmosphere one of gloom. There is never a dull moment, and little silence. The girls are busy and active every moment of the day, and interested in what they are doing. They are young and full of "pep" and energy, and it keeps the staff keen and alert in coping with them. Any interests shown by the pupils are encouraged, and we endeavour to give them scope and opportunity in many and varied fields. They are, on the whole, interesting and attractive girls who have made glaring mistakes, and have to be helped and started afresh with different ideas and ideals. Their sophistication is a very thin protective veneer, and in the healthy, active atmosphere of our School, this cracks and disappears.

Mental Health

When a girl is admitted to our School she is interviewed by our visiting Psychiatrist and Psychologist. These women are keenly interested in helping each girl to find her proper niche. Advice is given to the members of the staff in regard to the pupil's capabilities and limitations so that each girl can progress as far as possible, but no girl is pushed beyond her capacity.

Girls are admitted to our care who are not mentally keen and there is the danger of them becoming discouraged and unhappy trying to compete with our brighter girls. These retarded pupils are picked out by our Psychiatrist and transferred to the Ontario Hospital School in Orillia or the Ontario Hospital at Cobourg. It would be unfair to keep these children who are mentally handicapped with our brighter girls as it is hard on both types. The progressive girls are held back and the retarded ones keep striving without achieving and become discouraged. We have not the facilities in our School for these mentally retarded girls, and our program is not geared to cope with their limitations.

The mental health of our pupils is carefully watched, and great care is taken to foster and inspire healthy, wholesome thinking.

PHYSICAL

Upon admission each pupil is examined by our attending physician, and a careful check made. Upon coming to us many of our girls have physical defects which can easily be rectified and thereby give them a new incentive and grasp on life. Many are undernourished, some overweight. Many have poor, unhealthy habits which have to be eradicated. Some think too much of their health, and have innumerable ailments, and it requires the expert knowledge of a doctor to discern what is real and what imaginary. It is here that the fields of our physician and psychiatrist merge, as with some of our girls this "pain and ache" idea is to attract attention. Teen-age girls think incessantly of themselves, and will go to great lengths to have other people concentrate on them as well. The doctor and the psychiatrist must have clear insight and understanding to divert the girl's thoughts from too much concentration on herself.

With good meals, regular hours and plenty of out-door exercise, we develop a healthy-looking group of girls.

MORALS

Many of the girls who come under our care have not received any religious training, and have missed the advantages of uplifting home influences. It is a slow and difficult task to instil the true meaning of morals and a clean fine idea of life.

We try to engender in each girl a desire to strive for what is best, but our ideas often do not coincide with their former code. It is a process of teaching and building until the girl has grasped the idea of thinking out the many issues for herself. We can guide their thinking but we do not attempt to foist our philosophy on them.

Our girls meet with consideration, thoughtfulness and a real kindliness from the staff, and at first are distrustful and uneasy about it, but grow to realize it is genuine and are surprised and jolted out of their former cynical views. Their standards seem all wrong, but are the natural product of a harsh upbringing—our way of life seems silly; it is difficult to lead them to see that to be considerate and thoughtful is not being "soft"; to show them that lying is not smart, that immorality brings tragedy and heartache.

The Training School girls attend Divine Service each Sunday in the city of Galt. We begin each day with a simple, devout service in the School Chapel.

VOCATIONAL TRAINING AND EDUCATION

Consideration is given each girl in selecting the branch of work in which she prefers to specialize, with the prospect of its being a means of livelihood when she leaves the School.

In the academic field we have the lower school, and two forms of High School, also commercial classes.

We have vocation courses, such as sewing and the operation of power machines, domestic science and housekeeping. We have classes to instruct the girls in hairdressing and to fit them to become beauty parlor operators. In this class the girls are taught to be more careful in regard to their personal appearance. In this way the girls receive a good basic training to enable them to secure employment and become self-supporting in the community.

The girls enjoy our Physical Training program and improve in posture and health. It teaches the pupils fair play and team spirit, which is something new in most of their lives. During the summer months the girls are taken swimming twice a week, and have many picnics and outings.

The girls were allowed to express their artistic abilities this year in painting their rooms. In some cases the results were rather startling, but it gave them a feeling of pride and responsibility toward property.

The farm keeps the girls busy all summer, and they enjoy looking after the chickens, and the number of eggs produced each day is a matter of great interest.

The evenings are never lonely as there are activities planned for the girls' leisure time. The program varies with the season. In the summer with the long evenings we plan to allow the pupils to be out-of-doors as long as possible. One night each week the girls are allowed to write to their families. Another evening hobbies are cultivated—these include all sorts of things ranging from painting and sculping to dancing and a rhythm band.

The progress of each girl depends on herself, and she gets along as quickly as the effort she puts forth. If a girl proves she can be trusted and relied upon, she gains special privileges. If she learns to assume responsibility, she is given positions of trust. When she demonstrates that she can handle these privileges wisely, her leaving the protection of the School is considered. The placement officer discusses future plans with each pupil. A home is found, work secured, and the girl leaves the School under the kindly supervision of the placement worker. Until any one of our pupils is twenty-one years of age, or has proven she can manage her own life satisfactorily, she continues under the care of the School.

Our responsibility is great, as we have so many young and impressionable girls under our care. Each day brings endless problems, both large and small, which have to be dealt with by our staff, who are with the girls constantly. The duties of this staff cover a wide field, and the patience and understanding, tempered with firmness, which they show is only possible because they are sincerely fond of the girls and interested in their work.

REPORT OF WORK DONE IN LAUNDRY DEPARTMENT

Number of girls in class during year	68
Number of articles of girls' clothing	12,269
Number of articles of staff clothing	2,520
Number of articles of cottage linen	24,084

REPORT FROM SEWING DEPARTMENT

353 Cotton crepe nightgowns.
69 Twinkle cotton playsuits.
11 pr. Flannelette pyjamas.
7 Factory cotton aprons.
28 Small aprons of twinkle cotton.
32 Peasant aprons for use as Christmas presents.
27 Headbands to match small aprons.
9 Factory cotton potholders.
48 Cretonne dresser scarves with colored borders.
3 pr. Curtains for Doctor's office.
2 pr. Scrim curtains for staff room.
8 pr. Cretonne curtains for staff rooms.
100 Linen place mats.
1 Slipcover for Cogswell chair in Mae Martin Lodge.
1 Cross stitch wall hanging for Mae Martin Lodge.
2 Cushion covers for superintendent's apartment.
12 pr. Towels hemmed for beauty parlor.
20 Wool skirts—each made by girl for her own use.
5 pr. Shorts: blue broadcloth and green twinkle cotton.
4 Blouses.
1 Dress.
32 Small stuffed toys to be used as Christmas presents.
— Made by hobby class:
  9 Small pieces needlepoint.
  7 Felt change purses.
— Made for Red Cross of scraps of donated material:
  1 Flannelette crib quilt.
  1 Stuffed toy.
  1 Infant's nightgown.
  22 Infants' jackets.
  24 Personal property bags.
106 P.T. markers.
— Alterations:
  124 dresses.
  97 coats.
  23 skirts.
  4 blouses.
  3 tunics.
  3 slips.
  7 housecoats.
  25 uniforms

— Mending:

(a) Household Linen
- 98 sheets.
- 69 pillow cases.
- 6 linen towels.
- 4 laundry bags.
- 68 bedspreads.
- 26 bath towels.
- 11 facecloths.
- 4 miscellaneous articles.

(b) Garments
- 24 uniforms.
- 45 tunic blouses.
- 4 jackets.
- 5 housecoats.
- 26 tunics.
- 21 dresses.
- 14 aprons.
- 2 playsuits.
- 6 miscellaneous articles.

SUMMARY OF MEDICAL WORK

Admissions	88
Readmissions	81
Rechecks	85
Hospital admissions	41
Number of days in hospital	103
Number of girls seen by doctor	985
Examination of eyes	18
" " ears	21
" " nose	6
" " throat	59
Immunization for typhoid fever	2
" " scarlet fever	54
Tuberculin tested	227
Urinalysis	87
Smears	218
Wassermans	164
Haemoglobin	21
Tonsillectomy	24
Appendectomy	3
Sprains	9
Burns	3
Accidents	2
Bimanual examinations	9
Incised abscesses	4
Minor operations	2
Lumbar punctures	1
X-Rays	12
B. M. R.	11
Amenorrhea	1
Dysmennorrhea	—
Menorrhagia	6
G. C. infection	5
Syphilis	3

Syphilitic treatments	60
Nauseated	3
Rash (Eczema?)	3
Vaginal douches	55
Conjunctivitis	1
Acne	6
Athlete's foot	3
Mumps	2
Diabetes	1
Treatment for nose bleed	12
Infected fingers	10
Measles—simple	1
—german	5
Chickenpox	3
Scabies	6
Impetigo	4
Poison ivy	18
Colds	19
Boils	20
Pregnancy	1
Tonsillitis	1
Cellulitis	1
Mastitis	4
Warts	2
Cysts on vulva	1
Urticaria	16
Herpies	1
Abdominal pain	8
Petit mal	1

SUMMARY OF DENTAL WORK

Patients at clinic	597
Examinations only	230
Patients treated public charge	423
Patients x-rayed	14
Number of pictures taken	34
Extractions	146
General Anaesthetics	1
Fillings	856
Pyorrhea treatments	15
Prophylaxis	47
Devitalization	3
Dressing	1
Dentures repaired	1
Partial dentures	4
Full dentures	2

PLACEMENT REPORT

	Toronto and Eastern Ont.	*Local and Northern Ont.*	*Hamilton and Western Ont.*
Number of visits to girls	1,290	1,324	640
Homes and Jobs investigated	261	248	147
Visits to Clinics and other Social Agencies	164	138	154
Attendance at Court	6	..	1
Psychological Interviews	..	..	36
Lectures	..	..	11
Girls under supervision March 31, 1942	91	83	58
Girls attending high school	7	2	4
Girls attending public school	9	4	7
Girls employed: Domestics	13	21	11
Factory	28	20	21
Office	4	2	..
Waitress	1	1	2
Store Clerk	..	1	2
Beauty Parlor	..	1	1
Laundry	..	1	..
Farm work	..	..	1
Occupation unknown	..	..	1
Canadian Women's Army Force	1	..	..
Boarding homes	26	..	25
Free homes	3	..	3
With parents	19	..	9
With relatives	8	..	5
Convalescent	..	2	..
Whereabouts unknown	2	2	4
Other Institutions:			
Andrew Mercer Reformatory	9	..	..
Ont. Hospital, Orillia	..	25	..
Ont. Hospital, Cobourg	9	..	..
Ont. Hospital, Hamilton	..	..	1
Freeport Sanatorium	..	1	..
Salvation Army Home, Hamilton	..	..	2
Victor Homes, Toronto	1	..	..
Mileage	21,921	14,384	11,574

The placement worker takes over as soon as a girl is ready to leave the School. Her duty is to find the girl a suitable home and job, and to supervise her work and recreation in the community.

The addition of a third worker in September, 1941, has given much needed extra time for supervision, by reducing the territory to be covered, and by lightening the case load.

SUMMARY OF PLACEMENT WORK

Home finding has become a major problem in the past year. Many homes must be canvassed before a suitable one is found. This is due to crowded housing conditions in industrial centres, and to the fact that families are better off financially, and do not have to depend on income from boarders. The worker has no worry about finding jobs. Many people apply directly to the School for domestic help, and in addition, there are openings in every type of factory, in laundries, and in stores. Wages are better, giving the girls a chance to become financially independent of the School, and to have a bank account ready for an emergency. These are excellent times for making good contacts with personnel and employment agencies, to ensure their interest in our girls even at a later date when jobs may be scarce again.

Due to the prevalence of army groups, and the general unrest of a wartime world, supervision of after school, and after work hours is increasingly necessary. In the recreational field, girls are encouraged to join Church and "Y" Clubs, and to take part in Red Cross activities. Usually some persuasion is required, for the girls feel insecure in such groups. They have not the same family, financial, and social prestige as the other girls, and are keenly aware of the difference. For this reason, they are apt to focus their attention on a boy friend, who may not be desirable from our standpoint, but who gives the girl a build-up, and a feeling that she is important. The need of adequate sex education, to help the girl understand her own problem, is easily seen.

The placement worker is inclined to feel that, many and varied as are her problems, the answer to most of them is in the home. The job is important. Recreation is important. On the whole, however, the girl who makes the best adjustment is the one for whom the right home can be found: a home in which she is made a part of a normal, happy, family group, sharing their interests, and finding the affection and security she has missed.

Respectfully submitted,

LAURIE CHARLESON,
Superintendent.

REPORT OF THE ONTARIO TRAINING SCHOOL FOR BOYS, BOWMANVILLE

April 1, 1941—March 31, 1942.

The report of the past year's activities of the Boys' Training School at Bowmanville must of necessity present a very unusual picture. This is due to the fact that our entire plant was turned over to the Department of National Defence in the Fall.

The property was inspected on several occasions by officials of the armed forces but it was not until early in September, 1941, that it was known that the buildings were to be used for internment purposes.

The latter part of the month saw the infiltration of workmen and military executive staff and the beginning of the evacuation of the population of the School. Along with the movement of boys went the compiling of inventories of stock and equipment. Following this, furnishings were stored in the gym while search was made for suitable properties in which the work might be continued.

On November 3, 1941, a Board of Officers having checked the inventory and the condition of the property, signed the document taking over all but the Superintendent's residence. This building was vacated on January 13, 1942.

The search for suitable properties in which to carry on the work having proved a failure it became necessary to dispose of stock and equipment. Farm animals and machinery were provided for in other Government Institutions. Poultry, grain, hay, straw, ensilage and other produce were sold. Furnishings and stores were trucked to the Ontario Hospital at Langstaff.

On November 12, 1941, administration offices were moved to a property on the west side of Beech Avenue in the Town of Bowmanville. The property consists of approximately two acres of land and an old residence known as the Senkler Estate.

A large number of surplus staff were absorbed in Government service. The power house group were retained by the Department of National Defence. Others were provided for in other schools, enlistment, teaching in war service and pre-enlistment classes, and superannuation.

The placement of boys was continued amid moving operations and whilst barbed wire fences were being erected about the School property. Early in November the few boys remaining were accommodated in the Darch farm houses. On November 25, 1941, these houses were vacated.

Plans were completed for the erection of a temporary building in conjunction with the Town property. This was to house two cottage groups and to have accommodation for a maximum of sixty boys. The plans included facilities for two vocational shops. The war emergency made it necessary to defer until a later date the erection of the building. In the meantime, alterations to the present building are rapidly fitting it to house one cottage group of twenty as well as provide for dining, cooking, and academic studies.

The altered circumstances of the School gave rise to certain problems:

1. What was going to happen to the large number of problem boys placed so suddenly back into communities, many of whom had not had the benefit of training?

2. What provision was there for reception and treatment of new commitments?

From the Annual Report statistics we find that most of the yearly admissions come from broken homes. It was fully realized that in the large group returned home as an emergency measure many changes would have to be made. In the seven month period from September 1, 1941, to March 31, 1942, ninety-six boys or 67% were still in their own homes. Of the forty-six boys moved to other placements thirty-five are making satisfactory progress.

Boys committed by the courts have been admitted to care all through this trying period. Of some seventy-one new commitments, sixty-six have been placed. Seven of these have been moved to new placements.

The sudden placement of the entire student body meant that our outside group was increased to over seven hundred. It was planned therefore to so intensify supervision that all wards could be visited frequently with greater emphasis on the more troublesome cases.

To make this possible the after care staff was increased to five full time placement officers. The R.C.A.F. has since claimed one of these. Following is a summary of the work of four placement officers for the month of March, 1942.

Visits to Boys	363
Social Agencies	30
Police Calls	17
Investigating Complaints	15
Home inspections	23
Placements	25
Returning Boys	32
Contacts *re* Foster Homes	36
Schools visited	151
Employers	26
Miscellaneous calls	36
Conferences	1
Court	3
Totals	758
Car Mileage	7,560

The following comparative figures also serve to show the intensive supervision being carried out by the Placement Department.

	1940-1941	1941-1942
Visits to Boys	2,351	4,106
Other Contacts	83	482
Homes Investigated	237	301
Attendance at Clinics and Social Agencies	108	231
Attendance at Court	18	41

The facilities at our disposal do not permit much in the nature of prolonged institutional treatment for boys committed to our care. It is therefore necessary to place them shortly after admission. The training in acceptable behaviour patterns now falls on those selected as foster parents. These receive effective assistance from our placement officers who work in close co-operation with them.

The present scheme of direct placement is somewhat of an experiment. It is however too soon to come to any conclusions with regard to its effectiveness as a substitute for institutional training.

Academic, Physical Training and Vocational programmes were continued uninterrupted until early in September. School classes included all grades from primer to grade eleven in high school. Auxiliary training was provided for a large number of boys of defective mentality. Below are the figures concerning the entrance class (Grade 8) for the past academic year and in addition to these, the totals for the period from 1930 to 1941.

GRADE 8

Number in Grade 8 during year	43
In class at Examination time	25
Recommended	11
Wrote and passed	10
Total passed	21

COVERING PERIOD 1930-1941

Number of candidates writing	289
Number of candidates successful	257
Percentage successful	88.9

The report of the Public School Inspector is as follows:

The new teachers on the staff are fitting into the organization very well. The teaching is clear and objective. Discipline is excellent. A high standard is maintained in the skilled subjects, and in view of the fact that so many of the pupils have changed during the past year, the standard is exceptionally high. There appears to be excellent spirit in the classroom, and the work is done cheerfully and with some enthusiasm. The boys should be encouraged to do more in the way of illustrating their records in Social Studies. Some observational work in Science is done, but this work should be extended.

The work in the Auxiliary division is exceptionally fine. The problem here is Reading, and the work, of course, must be entirely individual. The Handwork, such as Weaving, Knitting, and all forms of constructive work are exceptionally well done. The atmosphere in this room is one of happy industry.

Some exceptionally fine murals and Art have been done throughout the School.

A regular part of our curriculum, physical education, continued to play its part in development of character through

1. Organized team play in league sports.
2. Gymnasium classes in fundamental exercises and corrective work.

3. Apparatus work.
4. Swimming.

The Vocational or Occupational part of our work centered around—

1. Practical work in connection with the maintenance of the Institution, repairs to buildings, machinery, painting of buildings and fences, care of roads and shrubbery.

2. Practical work in agriculture.

PLACEMENT.

In keeping with the policy of "placement as soon as possible" laid down by the Advisory Board, movement of population has been stepped up from 230 placements in 1938 to 290 in 1940-1941. Due to the war emergency 438 boys were placed during the past year.

It is our belief that good homes in rural districts are excellent substitutes for the broken homes from which most of our boys come. Consequently, it will be noted that foster homes are playing a larger part in our placement program year by year. In 1938, foster home placements numbered 63. This had jumped to 85 in 1940-1941 and this year, again due to the unusual situation, 148.

Homes selected for the placement of our boys must provide a controlled environment where the boy may receive as far as possible the training in right habit patterns that will assist him to become once more a good member of society. Placement work has therefore become a very special branch of Institutional service involving careful study of the child's mental, physical, educational and social needs. Knowing the inadequacies which led to his commitment an attempt must be made to provide for the needs of the boy in the home selected.

Normally, a child having proved beyond control in his community is committed to an Institution where under ideal conditions he is submitted to diagnostic study. He is examined by the Mental Health Clinic and checked by the doctor and dentist. Studies are made of his behaviour. When these are completed and his reaction to training is favourable, placement is considered.

Many people apply each year for children to be placed in their homes. We believe that most of these are motivated by a desire to increase income and, to a degree, to obtain assistance with "chores" on the farm. These, however, are not deterrents providing other necessary qualifications are satisfactory. Homes "on relief" or having difficulty making "ends meet" are not considered. So also homes with large families; homes wanting children on a pay basis to do the work of the farm; homes keeping boarders; homes of persons too old or too young are not used.

All applicants for boys are furnished with a carefully prepared questionnaire the answers to which determine whether or not the home may be considered. Should this be satisfactory the home is inspected by our placement officer who also inquires into the references.

The foster home must provide separate sleeping accommodation, see that the child is regular in his hours, attends school and religious exercises, be considered as a member of the family, do his reasonable share of the "chores" and take part in the activities of the community. Foster parents are paid sufficient maintenance to provide replacements for the very complete wardrobe as needed, spending money of a definite amount monthly, and minor medical and dental services. Corporal punishments are forbidden. A detailed report of the boy's behaviour must be furnished the Placement Officer on his regular visits.

Boys in foster homes upon reaching the age of sixteen are placed in employment as are also boys of fourteen and fifteen who cannot profit by further schooling.

Shortage of manpower in cities has created a demand for teen-age boys as workers in various industries. Consequently, many of our graduates are receiving abnormally large wages. Boys now average from $10.00 to $15.00 per week. Several receive as high as $30.00 per week. Enquiry into the disposition of this money is made by our Placement Officer together with the amounts invested in War Savings Stamps and Bonds. While the boy is under our care, we insist upon his putting aside a reasonable amount as savings.

While the majority of our wards are under satisfactory control, there are a few who are obviously in need of institutional care! Boys for whom all available means of placement have been tried and who still persist in absenting themselves from placements and committing serious infractions against the law. They may be returned by the courts as juveniles but cannot be kept in our present quarters and are too great a risk for further placement.

The marked increase in releases from guardianship over the previous year is due largely to enlistment in the armed forces.

Readmissions for the year show a marked increase from 69 last year to 131 this. From April 1 until August 31 the number returned because of lack of adjustment in placements was below normal. Coinciding with the period of the evacuation of the school population in September, the number readmitted definitely increased. This was to be expected as most of the placements at that time were made hurriedly.

AGRICULTURAL REPORT.

General Farm Conditions.

Weather conditions were favourable for crop growth throughout most of the season. Early garden crops suffered somewhat from lack of moisture during late May and June. After this period there was sufficient rainfall to give maximum yields of grain, corn, late vegetables and root crops.

The hay crop was harvested under ideal weather conditions and produced an abundance of clean, bright hay. The after growth provided excellent pasture throughout the late summer and early fall months.

The school property was taken over by the Dominion Government in the fall and all live stock was removed from the farm in early November. For this reason, the farm production for 1941 covers a period of approximately only seven months.

PRACTICAL AGRICULTURE

Farm Apprentices

Seventy-two boys were assigned to the farm for training during this seven month period on their own application.

These boys got their training in farm work by actually doing the work from day to day. By this method they learn to do all the seasonable work arising on the farm from month to month and are trained and able to do general farm work when placed out to work for wages at a later date.

The farm apprentices were divided into three groups, each group working with an experienced instructor. The boys on the groups were changed monthly so that they would all get experience in live stock, dairy and poultry work, as well as garden and field crop work.

During this instruction period, the boys are taught to milk, care for live stock and poultry, harness, hitch and drive horses, work with farm implements and generally get a good working knowledge of practical every day farm work.

Boys were placed out on farms in the Province during the year to work for wages and in most cases gave good satisfaction to the farmers who employed them. In addition to these older boys, there were quite a number of junior boys placed in farm boarding homes to attend school. Many of these had learned to milk and do chores around the barn while at the School and became quite interested in farm life. They were able to help their foster parents with milking and light chores around the farm in their new placement.

Vocational Agriculture

It has been the custom to teach vocational agriculture during the late fall and winter months. The spring, summer and early fall months being given over to training in practical work, doing the jobs on the farm as they arise, according to the season.

This year the School was taken over before the fall classes started. The year's activities were therefore confined to actual farm work of a practical nature.

Past experience has shown that boys will take a keener interest in their practical work when this is accompanied by some instruction in the class room. They learn the why of things, and a better understanding of the necessity of care and timeliness in doing all farm jobs.

Holstein Herd

Official record of performance work was continued during the year and at the time of closing the School, eight cows were entered in the Record of Production.

The daily weighing of milk from each cow and the testing work proved to be of interest to the boys and gave them an added incentive to milk the cows clean.

The herd when dispersed, was fully accredited and blood tested and contained some excellent foundation cows and promising young heifers of good blood lines.

POULTRY

From four hundred Barred Rock chicks purchased in April, approximately two hundred and five pullets were placed in winter quarters in October. These were starting to lay up to a 20% production at six months of age when they were disposed of.

The poultry work provides a type of employment that all apprentices can take part in, both junior and senior, and many of them become keenly interested in seeing how many eggs can be produced from the flock.

FARM IMPROVEMENTS

Concrete floor completed, walls insulated inside and banked outside for a new apple and vegetable storage room in basement of Somers Barn. This provided an additional storage capacity of 600 square feet of frost proof cellar.

Floor of sheep pen laid with concrete and an old door into this pen bricked in, leaving space at the top for an additional window. This leaves just one entrance door and does away with drafts. Barn yard at Somers Farm, graded and levelled and a concrete abutment wall placed alongside door leading to basement of the barn.

REPORT OF MEDICAL WORK

Boys seen at Clinic by Nurse	1,914
Boys seen at Clinic by Doctor	1,023
New boys given physical examination	142
Returned boys re-checked and 4 month re-checks	203
Operations (includes 24 tonsillectomies)	28
Boys visited by doctor as bed-patients	113
Accidents	10
Boys receiving tuberculin tests	216

REPORT OF DENTAL WORK

Number of Patients at Clinic	538
Number of Examinations only	251
Number treated at public charge	287
Number of Extractions	141
Number of local anaesthetics (Nerve Block)	117
Number of Fillings	726
Number of Pyorrhoea treatments	2
Number of Prophylactics	224
Number of other treatments	17
Number of porcelain crowns	9
Total number of Operations	1,236

REPORT OF PLACEMENT DEPARTMENT

Boys receiving supervision at beginning of period		524
Boys discharged during period		438
Boys re-admitted to the School	131	

Boys released from guardianship	232	
Boys employed on farms	61	
Boys attending school	261	
Boys employed in factories	62	
Boys employed as messengers	16	
Boys employed as bakers	2	
Boys employed in machine shops	2	
Boys employed as day laborers	1	
Boys employed as shippers	1	
Boys employed as office boys	2	
Boys employed as millers	2	
Boys employed as waiters	2	
Boys employed as ushers	2	
Boys employed as truck helpers	2	
Boys employed as truck drivers	4	
Miscellaneous work	22	
Boys unemployed	8	
Boys on active service	6	
Boys in Mental Hospitals	26	
Boys in other Institutions	69	
Whereabouts unknown	48	
	962	962
Boys discharged during period		438
Placed in foster homes	148	
Placed on farms	52	
Placed in Working Boys' Home	37	
Home to attend school	106	
Home to seek employment	67	
Other institutions	21	
Deceased	1	
Paroled while A.W.L.	1	
Released while A.W.L	2	
Released while in Hospital	1	
Paroled to other Institutions while A.W.L.	2	
	438	438

Boys under supervision at end of period	602
Number of visits to boys	4,106
Number of homes investigated	301
Attendance at clinics and social agencies	231
Attendance at court	41
Other contacts	482
Total number of boys in paid homes at end of year	186

A. R. VIRGIN,
Superintendent.

REPORT OF ST. MARY'S TRAINING SCHOOL FOR GIRLS, TORONTO

April 1, 1941—March 31, 1942.

"Wings for the angels but feet for men,
We may borrow the wings to find the way,
We may hope, and resolve, and aspire and pray
But our feet must rise or we fall again."

These words are the theme of our survey. The heart which conceived and gave them voice had profound knowledge of human nature; this nature so simple and so complex, so noble and so base, so lofty and so abject. Social work among the youth of to-day is wide in range, unselfish in effort, wise in application. Without deep understanding of human nature much effort may be wasted and much precious time may be lost. In practical action among young people one must be ready, always, for the unexpected.

Fresh forces are pressing against youth and new avenues of delinquency are opened. Moral hazards are multiplied, moral standards are weakened, home ties are sundered. Children will be engrossed for hours with the comic sections, but when the feats displayed therein are translated into deeds, they become misdemeanor against public welfare. In great measure this holds true of the cinema, and these two forms of entertainment are definitely harmful to young, active, receptive and imitative minds. For adolescent girls another particular evil is found in the romantic, illustrated magazine. Wings for angels, feet for men, and young feet should be directed into paths which lead to high and noble ideals.

At the close of March, 1941, eighty-six were in residence. There were forty-four new admissions and forty-nine were dismissed. These various movements left eighty-nine in residence at the beginning of April, 1942. Mental, moral and physical characteristics were the same, almost, as in preceding years. A majority percentage of new admissions were found in robust and healthy condition and this is a feature worthy of note. The general vigor of girls admitted has been good for two and three years, and few cases of under-nourishment have been observed. This is significant of activities for the promotion of better living conditions which are outside the range of our knowledge. Likewise, a higher degree of intelligence was disclosed. Adversely was found a lower moral sense, a great lack of faith, profane speech, dishonesty, contempt for authority.

Generally, when admitted, there was found an indignation because of the loss of personal freedom. They were too young and too wayward to realize that one is free only when one's will accepts what is right in order to guide and direct subsequent action. Their natural instincts had led them to a liberty which satisfied the senses whether right or wrong. For several weeks this loss is a real privation.

In early September His Excellency, Archbishop McGuigan, said Mass in the School recently erected in Dufferin Street, York County. He blessed the building, its different apartments, its grounds and recreation area, and then pronounced it ready for occupation. We shall not weary any one by attempting to describe this building in detail, but with true cordiality, we invite our friends to visit it and to affirm its merits as eye witnesses. We had the honor of entertaining the principals of the Department under which our School operates, the members of the Advisory Board and other distinguished visitors. In mid-September the children were transferred.

A certain amount of apprehension hovered over and around this transfer, because the reaction of the children could not be predicted. Surprise and novelty held the attention for a few days but this was followed by an attitude of resentment and insurrection. Living in the "sticks" was too lonesome, a stray goat spread alarm, passing trains made them think of home, electric storms terrified, and, suddenly, West Lodge was endowed with everything which could contribute to peace, happiness, security. Great courage and presence of mind were needed to carry over and through this crisis; but it passed gradually and uneventfully. The change was immeasurable gain for the children. Health, conduct, outlook, improved and we are supremely grateful to God for this fresh proof of His love and His care.

Other surveys have outlined hindrances in the way of steady advancement for our wards, but these have been external to the individual and they continue to exist. Unwise and indulgent parents take first place in the list and this is not intended to lessen the divinely appointed authority of fathers and mothers. We mention here an impediment, peculiar to the individual, which is a real and a serious obstacle to mental and moral improvement or growth. It is unusual to find a child who will admit responsibility for her own actions. Apparently, this seems trite and trifling. Actually, it is the stumbling stone whereupon good intentions, efforts, progress are shattered. During residence it is in evidence, but it is found, particularly, in the follow-up work. Life is accepted as a mode of existence to which they have no individual accountability. In the daily events all flows on outside their personality. They are favorites, or victims, or targets, or dupes, according to circumstances, "but it just happened that way." To waken the sense of personal responsibility is a toilsome and a protracted work. They do not believe and they will not accept. To this warped mental mould may be traced delinquency, sedition, theft, immorality. In this soil society's rejected germinates and flourishes. Our feet must rise or we fall again.

Excellent results were shown in the mid-summer examinations. Thirteen pupils passed the Entrance with good marks. High School and Continuation work gave satisfaction. Shorthand with commercial and business training were especially favored. The children love school and this is an advantage. They absorb instruction because their minds are so eager, so adroit, so inquisitive. A common defect is incorrect speech and it is impossible, almost, to cure this fault. Pupils are found who are industrious, intelligent, brilliant in some respects but who transgress the rules for correct speech, habitually. Let us illustrate:

"I seen Lucy in Yonge Street yesterday."

"You should say, 'I saw Lucy in Yonge Street'."

"But if I seen her I seen her didn't I?"

Vocational training walked with academic. Idleness is not approved and the pupils are employed in all useful household duties during spare periods. They cook, look after the laundry, mend and make, assist the nurse. It is their duty, always under direction, to ensure good order and cleanliness through the house. Considerable skill is shown in handicrafts such as knitting, embroidery, needlework. Art work in crayon, pen and ink, water colors and oils interest older pupils and a surprising amount of talent comes to the surface. They value praise and appreciation for this kind of work.

Recreations are handled with greater ease in the new area. Grounds are so spacious that any and all restlessness may find scope. Games and sports proper for young girls will be assembled, gradually. Indoor recreations are pleasant because of the assembly room which has noble proportions. This interval is spent in music, games, dramatics, dancing and the unfailing chatter. Careful and constant supervision is the secret of happy and profitable recreations.

No serious illness visited the School and for this we thank God. Since change of residence in September a decided improvement in health is noted. Dr. Hamlin sees each pupil, individually, once a month and he attends whenever there is need. Teeth, vision, throat and ear are given due attention and we offer tribute to the doctors who give the children such devoted service.

We give our sincere thanks and appreciation to the Department which has jurisdiction over our School. From each member of the staff we receive an admirable courtesy, advice and assistance. Without this source of strength and co-operation, administration of our School would be encumbered with many difficulties. We thank the members of the Advisory Board for continued kindness and interest through the year.

We have the honor to remain,

Your obedient servants,

SISTERS OF THE GOOD SHEPHERD.

REPORT OF ST. JOHN'S TRAINING SCHOOL FOR BOYS, TORONTO

April 1, 1941—March 31, 1942.

I have the honour of submitting the report of St. John's Training School for the year ending March 31st, 1942.

Seventy-five new boys were admitted to our school during the year. These boys ranged from Grade IX to the auxiliary class. Of the twenty-one boys in the grade VIII, seventeen were recommended and two were successful in High School standing at the written Departmental examinations.

Grade 9	7
Grade 8	7
Grade 7	7
Grade 6	8
Grade 5	19
Grade Auxiliary	27

The auxiliary pupils remain in class throughout the day. The other grades have half-day shops.

Vocational Training

Department

Printing
Tailoring
Shoemaking
Carpentry
Gardening
Culinary
Barbering.

The principal aim of these departments is to have the boy find out just what trade appeals to him as a preparation for future life, rather than the quantity or efficiency of production at the present time.

Medical Report

Complete physical examination is given to all new admissions on arrival by Dr. J. J. Hurley. Diphtheria toxoid is also administered at the boy's first visit to the Doctor. During the past year we had an outbreak of diphtheria without a fatality. I must not hesitate to express sincere gratitude for the kindness of our Public Health Officer, Dr. C. D. Farquharson, and to Dr. P. Maloney and Dr. G. Fraser of the School of Hygiene of the University of Toronto, for their care of our boys during the time. I believe also that the greatest co-operation was given to these scientific men by my staff. Following is a letter received from Dr. Farquharson:

> Agincourt, March 25th, 1942.
>
> Dear Brother Stephen:
>
> A school such as yours presents various problems from a health standpoint. The boys come from all parts of the Province and many of them from unsuitable homes and I suspect that in some cases it is

illness either of parents or others that has caused the delinquency. I want to congratulate you and your staff on your efforts to help the boys, particularly in the control of tuberculosis and diphtheria. It is very gratifying to know that you have come through the present outbreak of diphtheria with no serious illness.

Yours very truly,
(Signed) C. D. FARQUHARSON,
Medical Health Officer.

The following is the medical report:

Tonsillectomy	15
Appendectomy	3
Surgical treatments	13
Fractures	3
Circumcision	8
Rheumatism	2
Spinal meningitis	1

DENTAL REPORT

Surveys	244
Amalgam restorations	40
Extractions	146
Cement fillings	27
Synthetic porcelains	47
Surgery	17
Treatments	40
Pyorrhoea	3

EXTRA ACTIVITIES

Two weeks were spent at Camp at Jackson's Point early in September. We were guests of Rameses Shriners' Circus held at Maple Leaf Gardens. Our Placement Officer reports that at least four visits were made to all our boys on parole, and more often to those living in our immediate vicinity.

IMPROVEMENTS,

A new roof was put on the shop building.
All buildings outside of the main building were painted.
One hundred and fifty truck loads of fertilizer were put on our garden.
One new furnace was installed in the main building.
Two systems of smokeless grates were installed in the main building.
A new furnace was installed in the gymnasium building.
A new dough mixer for the bread machine was set up.

May I express thanks to all who have in any way aided in the success of our school during the past year.

Sincerely yours,
BROTHER STEPHEN,
Superintendent.

REPORT OF ST. JOSEPH'S TRAINING SCHOOL FOR BOYS. ALFRED, ONTARIO

April 1, 1941—March 31, 1942.

The movement of the School population remained practically the same as the previous year, with an average attendance of 117.8.

The usual regular inspections have been carried out respecting buildings and equipment, academic and vocational education.

Report of Academic Department.

The average enrolment in each grade for the past year was:

Grades 9, 10 and 11	4
Grades 7 and 8	21
Grades 5 and 6	35
Grades 3 and 4	40
Grades 1 and 2	32

Number of boys attending school the full day:

Grade 7 to 11	18
Grade 3 to 4	25
Grade 1 to 2	28

However these boys were allowed to work in the woodshop an hour a week, doing useful projects and trying their hands at building small objects as airplanes from designs, the materials used including templates, knives, wood, sandpaper and glue. They were also taught the use and care of some of the tools, such as the steel square; how to measure and divide spaces with a rule; to gauge lines with the marking gauge; to assemble and adjust a plane, etc.

We bought for this department twelve building sets called "Erector", in four different sizes, for the inferior and auxiliary classes. Also 177 volumes for supplementary reading and a modern system of seat work for the same classes, a great help for the boys and teachers concerned.

Library.

Our library numbers at present 692 books, most of them gifts from workers interested in the welfare of the wards of our School. Three boys were in charge of delivering and checking the books; and some 92 pupils went regularly to the library to get books for supplementary reading. One teacher acted as supervisor, and was always on hand whenever his help was needed.

The library is open four times a week; and the children are allowed to read at some stated times as, during the study period from five to six, just before supper time, and occasionally during certain recreations.

We deemed advisable to pay a subscription to a weekly newspaper published specially for boys and girls. This weekly is published in three different series: we paid for six of each, and distributed them in the classrooms for the use of the boys under the guidance of the teachers.

Moral and Religious Training.

Daily devotional exercises took place as usual in our chapel; and classes in religious instruction were held every day. We had this year to divide the pupils into six separate groups: three English and three French, an initiative that we judged necessary in order to give a more efficient teaching, a teaching within the reach of most pupils. As our children are behaviour problems with practically no cultural background of experience, obviously the ethical programme in our School must be just as varied and wide as the needs of these children.

Our Institution, according to inspectors' reports, is operating at a high degree of efficiency because it is staffed with men who have a keen appreciation of their responsibilities, the requirements they should have, and a liberal supply of human kindness. Of course our teachers, dealing with children whose mental rating is generally very low, experience some difficulty to maintain a proper training programme and their disappointment is serious at times; but more often they have the profound satisfaction of seeing their wards growing into useful and successful men as is evinced by the good conduct and the fine patriotism of the graduates who have enlisted to the war services. In fact many of our ex-pupils are in the armed forces. The list has steadily grown and now numbers 108. Some of them are already doing active work overseas and a few have already given their lives for their country.

We see that the boys under our charge show filial piety to their parents by writing them a letter at least once a month. At stated periods, we supply them with the writing material necessary.

In March, a special mission was preached to the whole School by two missionaries from Ottawa; and the instructions were given in English and French. The boys were thus prepared to fulfil their Easter duties properly.

Physical Training.

All boys with the exception of those on special duty attended regular periods of instruction in the gymnasium, and the results obtained were on the whole quite satisfactory.

An innovation which proved very effective was the complete separation of the boys of the School into two distinct groups, having no communication whatever among themselves. The senior group is made up of 58 boys; the junior group 72. In order to accomplish this complete segregation, we had to tear down the four walls separating the washroom, the bathroom, the printing shop and the toilets, to make space for a new refectory, nearly opposite the old one. The pupils themselves did the work of tearing down the walls, breaking the cement floor, and helping the men to put down the terrazzo of the new floor. Fifteen boys worked at this job for three weeks. They took off the terra cotta bricks one by one in order not to break them, because we intend to use them for an outside wall in a new construction to be built during the summer months.

The benefits derived from this complete separation of the senior and junior groups are many: The supervisors are allowed more freedom in talking to the pupils; the boys pay more attention to what they are told; there is less contamination; the meals do not last so long as the groups are smaller; it is easier to keep everything clean and tidy in the refectory, and in fact, in each department. There are three supervisors taking their turn in each division and the discipline and supervision are much easier to maintain.

The senior and junior groups were further divided into three smaller groups for gymnastic purposes, each varying from sixteen to twenty boys. The periods of instruction in the gymnasium were obligatory with three lessons a week scheduled to cover the whole programme within a reasonable amount of time. The main items taken were: Marching tactics, Danish fundamental and corrective gymnastics, apparatus work on the horizontal bar, parallel bars, side horse and tumbling on the mats, skills, drills and playing rules of Hockey, Baseball and Football.

Group Games.

In September, we started to train the boys in military drills, comprising marches, counter marches and in general, most of the exercises given to cadets in secondary schools. The boys themselves learned to give the commands, and each one, in turn, had to play the officer and take charge of a platoon. This gave them assurance, nerve; and was a good training in discipline.

During the winter, we had as usual two rinks at the disposal of the pupils, and both were employed to the full. As the location of one of the rinks was changed, we had to make an opening on the south side on the Main Building to facilitate the movements of the senior group. Again this year, the hockey team of the School, the Speedking, won the Marcil Trophy, playing against the LaSalle Academy team at the Auditorium in Ottawa.

General Camp Programme.

Most of the boys enjoyed at least two weeks at the camp during July and August, at Pointe-au-Chêne. The general programme was pretty much as follows: Mornings were spent in tidying the cabins, morning devotions, work projects for the improvement of the camp facilities, a few games and morning swim.

Afternoon programme consisted of organized periods of instruction in field athletics, tumbling, horseshoe pitching, excursions in the mountains around, campcraft, and group games. These periods were followed by an afternoon swim, lunch and a camp fire before retiring.

Health Report.

Again this year we had no case of serious disease. As it has been said, a training school is not a penal institution, but should be looked upon as training, re-adjusting and educating in its function. Hence the necessity to give the new ward a thorough physical and mental examination. In fact in each case, this practice proves of great value in determining the specific requirements in the training and education of the individual pupil. Our School complied with these regulations and the directions given followed in every respect. Dr. Tittley and Dr. J. J. Kirby came regularly to see the boys, and, as we said before, there is nothing serious to mention, only slight ailments as is generally the case with children in certain seasons of the year. A few fractures and smaller injuries were also treated.

Dr. Tittley made 442 medical examinations and Dr. Kirby 388 dental examinations. The latter performed the following operations: 103 Fillings, 73 Extractions and 2 complete cleanings. Four boys were sent to Ottawa to have their eyes examined by a specialist, and six others received X-ray treatments, either in Ottawa or at Hawkesbury.

Woodworking Report.

Sixty-three boys were given some training in woodworking either as class projects, machine work or maintenance work.

Class Projects and Machine Work:

10 Turning Chairs
1 Counter
47 Flower Stands
23 Restaurant Tables
6 Wooden Baskets
28 Hat Stands.
13 Stepladders.
6 Tables
12 Knife Boxes
6 Pews.
2 Office Desks
1 Sun Room.

Maintenance Work:

19 Long Chairs
6 Ash Tray Stands
12 Benches
18 Cupboards
96 Tool Handles
3 Screen Doors
8 Window Screens
25 Folding Chairs
18 Baseball Bats
20 Croquet Mallets
5 Large Mirrors for the dormitories
1 Drying Rack for the kitchen
36 Chairs
Repairing cupboards, chairs, doors, ladders and two shacks.

Report of Shoe Department:

Thirty-nine boys were assigned to this division during the year, twenty-five of whom were full-time workers. They made and repaired most of the leather articles needed by the boys of the School.

Made:

Boots and Shoes	490 pairs
Hockey Boots	45 pairs
Belts	350
Leather Straps	13

Balls	25
Wallets	212

Repaired:

Boots	1,336
Boots, Rebuilt	240
Skates, Sharpened	953
Belts	82
Braces	30
Shin Guards	9
Gloves and Mittens	123
Leather Caps	8
Windbreakers	80
Footballs and Baseballs	34
Harnesses	41

Tailoring Division:

We had in this department one instructor and twenty-eight boys working, the full-time workers, eighteen hours a week. Most of their time was spent mending the clothing of the pupils. As usual the Social Work Agencies of the village rendered considerable service in assisting the boys in their work.

Dining-Hall Report:

Fifteen boys were assigned to this department. They served as waiters in the refectories or worked as general helpers in the washroom, and in the kitchen.

The products of the farm canned amounted to:

Preserves	150	gallons
Tomatoes	1,450	"
Beans	807	"
Meat	50	"
Ham, cured and smoked	400	pounds

To facilitate the work of this department, we bought at a cost of $800.00, second-hand canning outfits together with two houses, a small and a large one which had been in use for some time as canneries in the village of Alfred. Due to the death of the manager, operations could no longer be carried on. As we had to move the houses on rollers for a distance of half a mile, we took three days to transport them on our property near the root-house, behind the barn, where they are now. Eleven of our boys helped the contractor and his men during the three days.

Bookbinding and Printing:

This department has been transferred to another part of the Main Building, on the second floor, to make room for a new refectory built with a view to give the senior boys their own dining-hall. Nine boys were assigned to this division working in the afternoon, four times a week. They are credited with binding 635 books for the School library and the chapel. The "Guide", the School periodical, published monthly by the staff and the pupils, was printed here and given to every boy and sent to some of the ex-pupils and friends of the Institution.

Laundry Report:

Seven boys worked there every day under the supervision of one instructor. They do the washing and ironing for the whole house and no linen is sent outside. That means that they have to wash some 600 articles of clothing every week.

Agricultural Report:

The general farm conditions were, on the whole, satisfactory throughout the season to produce good crops although there was a serious rainfall shortage. The hay was abundant and of good quality, and the grain crop was excellent. Corn, turnips and garden crops were well up to the average.

The Farm Improvements:

We laid 1,000 feet of draining pipes in the lower part of the property. We bought four acres of good arable land well suited for all kinds of gardening.

Farm Products Report:

Potatoes	1,632	bags
Carrots	125	"
Beets	8	tons
Turnips	15	"
Corn and Ensilage	101	"
Hay	35	"
Grain	2,300	bushels
Celery	1,450	heads
Tomatoes	2,500	gallons
Milk	9,010	"

Nineteen pigs were killed during the year, weighing 6,100 pounds.

Animals on the farm:

Horses	3
Cattle	26
Swine	20

We bought a horse at a cost of $126.00 to replace one that died during the winter.

Maple-Syrup:

The season was good, and as usual the boys were permitted to enjoy an outing at the sugar-bush. For this purpose the pupils were divided into two groups of about fifty each. Fifteen boys worked at the bush for three weeks, doing all the chores around, under one supervisor. At times, seven men had to lend a helping hand to collect the sap, and take it to the boiler in the cabin.

We made 220 gallons of syrup to be used only for home consumption. Eighteen parties, ranging from a dozen to sixty people, from Alfred, Ottawa, Hull and Montreal came to the sugar-bush and the cabin to enjoy the sugared product of the Maple, the best of our Canadian products.

Horticultural Apprentices:

Twenty-two boys were assigned to, and worked on the horticultural group. They experienced great difficulties in keeping the lawn and the flowers in good shape on account of the drought that was felt during the summer months. Very frequently, the supply of water in the house ran so low that we could hardly get what was required for the kitchen and personal needs.

The boys helped to cut the lawn and trim the flowers in front of the Main Building. They also helped their instructor in preparing the potted plants for the flower beds. Each boy had a section of a bench where he could propagate and grow flowers from cuttings and seeds. He was responsible for the care of this section himself. The boys got good practice in repotting, transplanting and setting out plants in the beds and borders. As a consequence of their work, the general appearance of the landscape in front of the Main Building was greatly improved.

They had to water and give daily care to 182 flower pots during the winter, and keep them ready to be transplanted in May.

General Improvements:

In June, we built a fence between our property and the neighbour's at a cost to the School of $666.71. Some of the taller boys worked at it with the men sent by the company and the whole work was completed in two days. This fence is 415 feet long by 8 feet 8 inches high. It fences off one of the playgrounds from the parochial church property.

PLACEMENT OFFICER'S REPORT

Boys receiving supervision at beginning of period	98
Boys discharged during period	88
Re-admitted	22
Released from guardianship	69
Placed in foster-homes	9
Placed on Farms	31
Home to seek employment	35
Home to attend school	12
Transferred to other Institutions	2
Former pupils enlisted	90
Boys under supervision at end of period	89
Number of visits to boys	448

Brother Jerome

Superintendent.

STATISTICAL REPORT
TRAINING SCHOOLS ADVISORY BOARD

April 1st, 1941 to March 31st, 1942

NUMBER OF CASES REVIEWED

	St. Mary's Training School, Toronto	St. John's Training School, Toronto	St. Joseph's Training School, Alfred	Ontario Training School, Galt	Ontario Training School, Bowmanville	Ontario Training School Guelph	Total
Designations	47	78	59	85	171	4	444
Applications for Admission Approved	5	9	4	2	13	—	33
Applications for Admission Not Recommended	2	2	2	—	3	—	9
Returns from Parole	4	17	27	70	49	—	167
Paroles recommended to Minister and made effective	60	102	105	257	390	—	914
Paroles Refused	23	5	10	6	15	—	59
Placement Reports	69	163	151	142	770	—	1295
Attendance Reports	203	229	218	162	114	3	929
Termination of Wardship	17	61	65	46	225	—	414
Termination of Wardship Refused	—	—	—	1	2	—	3
Deaths	—	—	—	2	2	—	4
TOTAL	430	666	541	773	1754	7	4271

Number of Meetings held	51
Average number of cases reviewed at each meeting	84

TRAINING

COMMITTALS

FOR YEAR ENDING

	Committed by Court	Admitted by Application	Total	Male	Female	City	Town	Township	Ages							
									9	10	11	12	13	14	15	16
Algoma District	10	...	10	6	4	5	1	4	...	...	1	1	1	5	2	...
Brant	4	...	4	2	2	3	1	...	...	...	...	1	...	2	1	...
Bruce	1	...	1	1	...	...	1	...	...	...	...	...	...	...	1	...
Carleton	20	...	20	14	6	14	...	6	...	...	1	3	6	3	6	1
Cochrane District	14	...	14	11	3	5	6	3	1	...	1	...	2	5	5	...
Dufferin	2	...	2	2	...	...	2	...	...	1	...	...	1	...	...	...
Elgin	5	1	6	3	3	4	1	1	...	...	...	...	3	2	1	...
Essex	22	...	22	12	10	19	...	3	...	1	1	1	4	7	7	1
Frontenac	7	...	7	6	1	6	1	...	...	...	...	1	...	2	4	...
Grey	2	...	2	2	...	2	...	...	...	...	1	...	1	...	...	...
Haldimand	3	...	3	3	...	...	3	...	...	...	...	...	1	2	...	...
Haliburton	1	...	1	...	1	...	...	1	...	...	...	...	...	...	1	...
Halton	3	...	3	3	...	...	1	2	...	...	...	...	...	1	2	...
Hastings	11	...	11	3	8	3	7	1	...	...	...	1	1	3	6	...
Huron	1	...	1	1	...	...	1	...	...	...	...	...	1	...	...	...
Kenora District	5	...	5	2	3	1	1	3	...	...	1	...	...	1	3	...
Kent	6	...	6	6	...	3	3	...	...	...	...	2	1	...	1	2
Lambton	3	...	3	3	...	3	...	...	...	1	...	1	1	...	...	...
Lanark	2	...	2	2	...	...	2	...	...	...	2	...	...	...	...	...
Leeds-Grenville	2	...	2	2	...	1	1	...	...	...	...	...	...	2	...	...
Lennox-Addington	1	...	1	...	1	...	...	1	...	...	...	...	...	1	...	...
Lincoln	3	...	3	2	1	2	1	...	...	...	...	...	...	2	1	...
Manitoulin District	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Middlesex	12	1	13	5	8	12	...	1	...	1	1	2	1	4	4	...
Muskoka District	1	...	1	...	1	...	...	1	...	...	...	1	...	...	...	...
Nipissing District	6	...	6	4	2	2	2	2	...	1	1	...	1	2	1	...
Norfolk	1	...	1	1	...	...	1	...	...	...	...	...	1	...	...	...
Northumberland and Durham	3	...	3	1	2	1	1	1	...	...	1	...	1	1	...	...
Ontario	4	...	4	4	...	3	...	1	...	...	1	...	...	2	1	...
Oxford	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Parry Sound District	7	...	7	5	2	...	...	7	...	...	...	2	1	2	2	...
Peel	1	...	1	1	...	...	1	...	...	...	...	...	...	1	...	...
Perth	1	...	1	1	...	1	...	...	...	...	...	...	1	...	...	...
Peterboro	7	2	9	7	2	7	...	2	...	...	1	1	1	3	3	...
Prescott-Russell	4	1	5	5	...	...	1	4	...	...	1	...	2	1	1	...
Prince Edward	1	...	1	1	...	...	1	...	...	...	...	...	1	...	...	...
Rainy River District	4	...	4	4	...	...	4	...	1	1	...	2	...	...	...	...
Renfrew	6	...	6	5	1	...	4	2	...	...	...	1	2	1	2	...
Simcoe	16	...	16	13	3	...	13	3	...	...	...	6	6	3	...	1
Stormont, Dundas and Glengarry	20	1	21	13	8	8	4	9	...	...	3	1	4	4	9	...
Sudbury District	21	2	23	21	2	10	5	8	2	1	...	4	7	5	4	...
Temiskaming District	3	...	3	1	2	...	1	2	...	...	...	...	...	2	1	...
Thunder Bay District	9	...	9	6	3	7	2	...	...	...	1	1	2	2	3	...
Victoria	4	...	4	2	2	2	2	...	...	...	1	1	2	...	...	...
Waterloo	14	...	14	5	9	8	5	1	1	...	1	2	5	2	3	...
Welland	9	...	9	7	2	3	4	2	...	...	1	3	3	1	1	...
Wellington	11	...	11	6	5	10	...	1	...	...	2	1	1	5	2	...
Wentworth	43	...	43	32	11	40	2	1	...	...	5	5	8	12	13	...
York	67	13	80	56	24	63	6	11	4	3	5	10	14	21	22	1
TOTAL	403	21	424	292	132	248	92	84	9	10	33	54	87	112	113	6

SCHOOLS
AND ADMISSIONS
MARCH 31ST, 1942

	Ward of C.A.S.		Others		Cause of Committal or Admission							
	Legitimate	Illegitimate	Legitimate	Illegitimate	Arson	Assault	Breaking and Entering	Immorality	Incorrigibility	Theft	Truancy	Vagrancy
Algoma District			10		1			2	2	4	1	
Brant	1		3					1	1	2		
Bruce	1										1	
Carleton			18	2	1				2	13	3	1
Cochrane District		1	13			1			2	11		
Dufferin			2							2		
Elgin	1		4	1				1	3		1	1
Essex	1	1	20				2	2	11	5	2	
Frontenac			7						5	1	1	
Grey			2				1		1			
Haldimand			3						1	2		
Haliburton			1						1			
Halton			3			2				1		
Hastings			11						5	5		1
Huron			1							1		
Kenora District			5					1	1	2		1
Kent	2		4			1			1	4		
Lambton		1	2						1	2		
Lanark			1	1						2		
Leeds-Grenville			1	1					1	1		
Lennox-Addington			1						1			
Lincoln			3				1		2			
Manitoulin District												
Middlesex	1		12				1		10	2		
Muskoka District			1						1			
Nipissing District			5	1					1	5		
Norfolk			1							1		
Northumberland and Durham	1		1	1					3			
Ontario			4						1	2	1	
Oxford												
Parry Sound District			7					2	2	3		
Peel			1							1		
Perth				1						1		
Peterboro			8	1		1			1	5	1	1
Prescott-Russell	1		4						2	2	1	
Prince Edward			1							1		
Rainy River District			4						1	3		
Renfrew	1		5							6		
Simcoe	2		13	1					13	3		
Stormont, Dundas and Glengarry	3		18				2		9	9	1	
Sudbury District	1		22				2	1	3	13	4	
Temiskaming District			3					1	2			
Thunder Bay District		1	7	1			1		2	5		1
Victoria			4						2	2		
Waterloo	1	1	11	1		1		1	7	3	1	1
Welland	1		8							4	5	
Wellington	1		10			1			5	4	1	
Wentworth	2	1	39	1			3	1	11	17	9	2
York	6	1	72	1		2	6	2	29	31	8	2
TOTAL	27	7	376	14	2	9	19	15	146	181	41	11

SUMMARY OF ATTENDANCE IN TRAINING SCHOOLS

April 1st, 1941, to March 31st, 1942

	St. Mary's Training School for Girls, Toronto	St. John's Training School for Boys, Toronto	St. Joseph's Training School for Boys, Alfred	Ontario Training School for Girls, Galt	Ontario Training School for Boys, Bowmanville*	Ontario Training School for Boys, Guelph	Total
Number in Residence, April 1, 1941	86	140	130	111	172	—	639
New Commitments or Admissions	44	75	59	88	158	4	428
Returned from Parole:							
Violation of Parole	9	12	8	27	70	—	126
Not Satisfactory	1	1	5	4	8	—	19
Services no longer required	—	—	5	—	—	—	5
Pupils Dissatisfied	—	5	1	—	1	—	7
For Replacement	—	1	—	13	51	—	65
For Further Training	2	—	—	4	—	—	6
Court Order	—	—	2	—	1	—	3
Returned from A.W.L.	5	23	3	48	43	—	122
Total	147	257	213	295	504	4	1420
Number of Placements:							
Returned Home for School	—	28	12	4	106	—	150
Returned Home to assist parents	6	8	7	2	67	—	90
Returned Home for Employment	6	21	28	12	—	—	67
To Boarding Home	3	9	11	25	185	—	233
To Positions (farm, domestic, etc.)	20	15	31	66	52	—	184
To Other Institutions	18	—	1	28	22	—	69
Number A.W.L.	5	32	2	58	46	—	143
Number Died	—	—	—	1	1	—	2
Total	58	113	92	196	479	—	938
Number remaining in Residence March 31st, 1942	89	144	121	99	25	4	482

	St. Mary's Training School for Girls, Toronto	St. John's Training School for Boys, Toronto	St. Joseph's Training School for Boys, Alfred	Ontario Training School for Girls, Galt	Ontario Training School for Boys, Bowmanville	Ontario Training School for Boys, Guelph	Total
Number remaining out for whole year	43	67	70	103	344	—	627
Number placed and returned during year	10	14	20	34	88	—	166
Placed out in previous years and returned during present year	2	5	1	14	43	—	65

*Property of the Ontario Training School for Boys was officially taken over by the Department of National Defence, November 3rd, 1941.

Present quarters of the School, Beech Avenue, Bowmanville, located in the Senkler House, contain accommodation for adminstration and a dormitory for 20 boys. It now serves as a clearing house for the placement of commitments in supervised homes.

RETURNED FROM PLACEMENT DURING YEAR

	St. Mary's Training School for Girls, Toronto	St. John's Training School for Boys, Toronto	St. Joseph's Training School for Boys, Alfred	Ontario Training School for Girls, Galt	Ontario Training School for Boys, Bowmanville	Ontario Training School for Boys, Guelph	Total
After one placement..	10	17	11	24	72	—	134
After two placements.	2	2	8	11	33	—	56
After three placements	—	—	2	8	16	—	26
After four placements	—	—	—	3	3	—	6
After more than four placements	—	—	—	2	7	—	9
TOTAL........	12	19	21	48	131	—	231

NUMBER OF COURT APPEARANCES PRIOR TO COMMITMENT OR ADMISSION

	St. Mary's Training School for Girls, Toronto	St. John's Training School for Boys, Toronto	St. Joseph's Training School for Boys, Alfred	Ontario Training School for Girls, Galt	Ontario Training School for Boys, Bowmanville	Ontario Training School for Boys, Guelph	Total
None...............	27	20	26	64	57	2	196
One................	15	23	19	16	34	1	108
Two................	2	15	6	5	31	—	59
Three..............	—	10	4	2	13	1	30
Four...............	—	4	3	—	11	—	18
Five or more.........	—	3	1	1	12	—	17
TOTAL........	44	75	59	88	158	4	428

NATIONALITIES OF PUPILS COMMITTED OR ADMITTED

	St. Mary's Training School for Girls, Toronto	St. John's Training School for Boys, Toronto	St. Joseph's Training School for Boys, Alfred	Ontario Training School for Girls, Galt	Ontario Training School for Boys, Bowmanville	Ontario Training School for Boys, Guelph	Total
Indian.............	1	—	1	1	3	—	6
Hebrew............	—	—	—	—	—	—	—
Negro.............	1	—	—	3	2	—	6
Canadian...........	42	68	41	48	142	4	345
Irish..............	—	1	11	3	—	—	15
English............	—	—	1	17	2	—	20
Scotch.............	—	—	—	6	—	—	6
American...........	—	1	—	1	4	—	6
Other..............	—	5	5	9	5	—	24
TOTAL........	44	75	59	88	158	4	428

SCHOOL ROLL AND COMPARISON

	Bed Capacity	In Attendance Mar. 31, 1938	In Attendance Mar. 31, 1939	In Attendance Mar. 31, 1940	In Attendance Mar. 31, 1941	In Attendance Mar. 31, 1942
Ontario Training School for Girls, Galt	116	60	81	98	111	99
St. Mary's Training School for Girls, Toronto	110	62	72	81	86	89
St. John's Training School for Boys, Toronto	150	127	138	139	140	144
St. Joseph's Training School for Boys, Alfred	136	96	110	119	130	121
Ontario Training School for Boys, Bowmanville	20	192	214	186	172	25
Ontario Training School for Boys, Guelph	—	—	—	—	—	4
TOTAL	—	537	615	623	639	482
Girls	—	122	153	179	197	188
Boys	—	415	462	444	442	294

	St. Mary's Training School for Girls, Toronto	St. John's Training School for Boys, Toronto	St. Joseph's Training School for Boys, Alfred	Ontario Training School for Girls, Galt	Ontario Training School for Boys, Bowmanville
Average length of stay in the School, per pupil	2 years 6 months	1 year 10 months	1 year 7 months	1 year 1 month	8 months
Net per diem cost per capita	$0.98	$1.06	$1.15	$1.34	$0.93

MENTALITY OF PUPILS COMMITTED OR ADMITTED

	St. Mary's Training School for Girls, Toronto	St. John's Training School for Boys, Toronto	St. Joseph's Training School for Boys, Alfred	Ontario Training School for Girls, Galt	Ontario Training School for Boys, Bowmanville	Ontario Training School for Boys, Guelph	Total
Morons—I.Q. 40-60	6	2	6	8	4	—	26
High Grade Morons—I.Q. 60-70	3	9	14	7	16	—	49
Borderline—I.Q. 70-80	10	9	11	22	42	—	94
Dull Normal—I.Q. 80-90	14	21	15	21	40	1	112
Normal—I.Q. 90-100	6	26	8	14	32	3	89
Normal—I.Q. 100-110	5	5	3	9	21	—	43
Superior—I.Q. 110 and Over	—	3	2	7	3	—	15
TOTAL	44	75	59	88	158	4	428

FACTORS CONTRIBUTING TO DELINQUENCY OF THOSE COMMITTED OR ADMITTED

	St. Mary's Training School for Girls, Toronto	St. John's Training School for Boys, Toronto	St. Joseph's Training School for Boys, Alfred	Ontario Training School for Girls, Galt	Ontario Training School for Boys, Bowmanville	Ontario Training School for Boys, Guelph	Total
Alcoholic Parents........	—	6	5	—	—	—	11
Desertion in Home.......	2	8	3	2	7	—	22
Either parent immoral ...	4	1	3	2	4	—	14
Either parent mental defective................	—	1	—	8	4	—	13
Either parent with court record................	1	—	1	7	7	—	16
Father dead.............	1	6	2	6	11	—	26
Mother dead............	2	3	5	8	4	—	22
Parents dead............	4	1	—	7	3	—	15
Fair home but no Control.	2	22	12	9	39	1	85
Poor Home and no Control	22	16	14	20	40	—	112
Stepfather..............	—	1	1	1	4	—	7
Stepmother.............	—	—	4	2	5	—	11
Parents Separated.......	4	4	6	8	16	—	38
Associations.............	2	5	2	4	1	3	17
Mentality of Child.......	—	1	1	4	13	—	19
TOTAL...........	44	75	59	88	158	4	428

ACTIVITIES OF RESIDENTS DURING YEAR

	St. Mary's Training School for Girls, Toronto	St. John's Training School for Boys, Toronto	St. Joseph's Training School for Boys, Alfred	Ontario Training School for Girls, Galt	Ontario Training School for Boys, Bowmanville	Ontario Training School for Boys, Guelph
Full time in Classroom.......	49	27	85	100	60	2
Part time in Classroom.......	40	114	38	—	150	—
Full time in Vocational Shops .	—	3	114	195	30	1
Part time in Vocational Shops .	89	114	38	—	110	—
Culinary....................	35	31	15	—	30	—
Sewing.....................	89	—	28	57	—	—
General Domestic............	60	—	2	69	—	—
Hairdressing................	10	—	—	15	—	—
Barber Shop................	—	2	4	—	15	—
Carpentry..................	—	2	63	—	20	—
Farming and Horticulture.....	—	19	28	195	125	—
House Maintenance..........	—	8	95	195	25	—
Laundry....................	—	—	7	68	—	—
Metal Work.................	—	—	—	—	26	—
Office......................	—	—	—	1	3	—
Printing....................	—	14	9	—	—	—
Shoe Making and Repairs.....	—	23	39	—	28	—
Tailoring...................	—	39	18	—	—	—
Wood Working..............	—	—	—	—	40	—

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